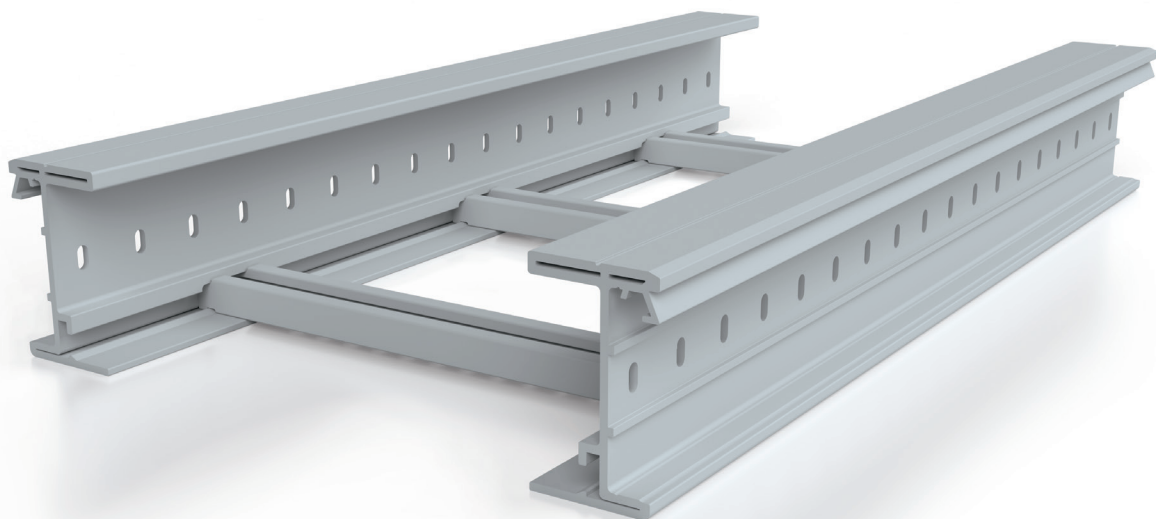




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## Isolierende Kabelleiter Halogenfrei

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# 67

67  
HF

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### Tragen und Führen von Leitungen

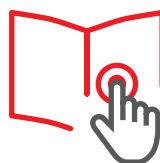
---

Elektrisch isolierendes halogenfreies Material –  
Mehr Sicherheit für Personen und Anlagen  
Entwickelt für Innen- und Außeninstallationen  
Innovatives Kunststoffsystem -  
Schnelle und einfache Bearbeitung

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#### Produktinformation

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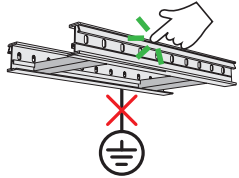
**100% recycelter halogenfreier  
thermoplastischer Werkstoff**

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**U48X** 

## Technische Eigenschaften

### ELEKTRISCHE SICHERHEIT



Isolierend - Keine Erdung erforderlich

### WITTERUNGSVERHALTEN



Für den Außenbereich geeignet

### KORROSIONSVRHALTEN



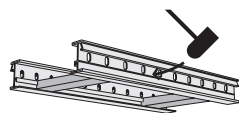
Feuchte oder salzhaltige Umgebungen:  
Der Werkstoff ist an sich  
korrosionsbeständig.  
Chemische Umgebungen:  
Beständig gemäß Norm gegenüber  
verschiedenen chemischen Stoffen,  
abhängig von Temperatur und  
Konzentration.

### TEMPERATUR



-20°C / +60°C

### SCHLAGFESTIGKEIT



20 J bis -20°C

### BELASTUNG



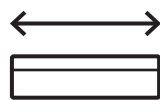
Typ-1-Prüfung: Es gibt keine  
Einschränkungen bei der Positionierung  
der Stoßstellenverbinder.

### BRANDVERHALTEN



Nicht flammenausbreitend

### LIEFERLÄNGE



3 m

### WERKSTOFF



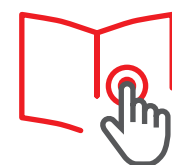
100% recycelter halogenfreier  
thermoplastischer Werkstoff

### CE-ZEICHEN



Konformität mit der Norm EN 61537:2007

Detaillierte Informationen  
im Technischen Datenblatt



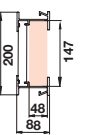
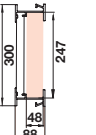
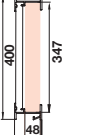
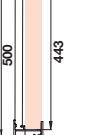
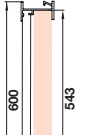
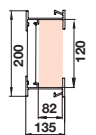
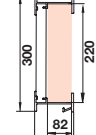
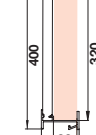
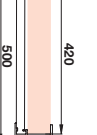
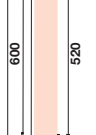
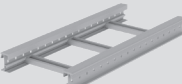
### Konformitätserklärungen







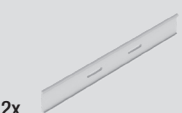
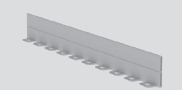


|                                                                                   | Abmessungen (mm)        | 85x200                                                                            | 85x300                                                                             | 85x400                                                                              | 85x500                                                                              |  | 85x600                                                                              | 135x200                                                                             | 135x300                                                                             | 135x400                                                                             | 135x500                                                                             | 135x600                                                                             |
|-----------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  | Querschnitte (mm)       |  |  |  |  |  |  |  |  |  |  |  |
|  | Isolierende Kabelleiter | 67200-44<br>6 m 75,38 €/m                                                         | 67300-44<br>6 m 86,69 €/m                                                          | 67400-44<br>6 m 92,53 €/m                                                           | 67500-44<br>6 m 106,45 €/m                                                          |  | 67600-44<br>6 m 109,81 €/m                                                          | 67220-44<br>6 m 114,68 €/m                                                          | 67320-44<br>6 m 117,07 €/m                                                          | 67420-44<br>6 m 119,90 €/m                                                          | 67520-44<br>6 m 151,06 €/m                                                          | 67620-44<br>6 m 157,18 €/m                                                          |

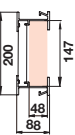
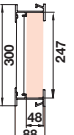
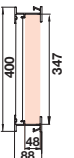
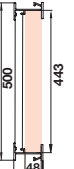
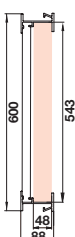
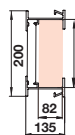
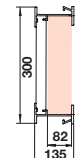
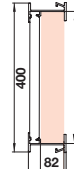
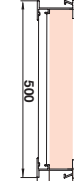
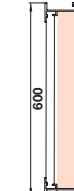
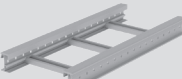
Abdeckung

|                                                                                   |                  |                            |                            |                            |  |                            |                            |                            |                            |  |                            |
|-----------------------------------------------------------------------------------|------------------|----------------------------|----------------------------|----------------------------|--|----------------------------|----------------------------|----------------------------|----------------------------|--|----------------------------|
|  | Abdeckung<br>3 m | 66202-44<br>12 m 18,96 €/m | 66302-44<br>12 m 24,91 €/m | 66402-44<br>12 m 39,96 €/m |  | 66602-44<br>12 m 66,84 €/m | 66202-44<br>12 m 18,96 €/m | 66302-44<br>12 m 24,91 €/m | 66402-44<br>12 m 39,96 €/m |  | 66602-44<br>12 m 66,84 €/m |
|-----------------------------------------------------------------------------------|------------------|----------------------------|----------------------------|----------------------------|--|----------------------------|----------------------------|----------------------------|----------------------------|--|----------------------------|

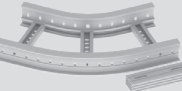
Verbindungselemente aus U48X

|                                                                                                                                                                                                                                                                                                                                                          |                                                      |                                                              |  |  |                                     |                                                                            |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------|--|--|-------------------------------------|----------------------------------------------------------------------------|--------------------------------|
|                                                                                                                                                                                                                                                                         | Stoßstellenverbinder (1)                             | 67825-44<br>12 St. 9,26 €/St.                                |  |  | 67825-44<br>12 St. 9,26 €/St.       | 67834-44<br>12 St. 9,98 €/St.                                              | 67835-44<br>12 St. 18,73 €/St. |
|                                                                                                                                                                                                                                                                                                                                                          | Schrauben DIN 603 ISO 8677<br>(M 8 DIN 603 ISO 8677) | 66809-48<br>100 St. 36,16 €/100 St.                          |  |  | 66809-48<br>100 St. 36,16 €/100 St. | 66839-A4 / 66839-C6<br>100 St. 141,70 €/100 St. / 100 St. 100,82 €/100 St. |                                |
| <br><br><br> | Trennwand (2)<br>3 m                                 | 66821<br>36 m 6,88 €/m                                       |  |  | 66821<br>36 m 6,88 €/m              | 66831<br>36 m 12,78 €/m                                                    |                                |
|                                                                                                                                                                                                                                                                                                                                                          | Gleitmutter mit Feder<br>M 8                         | 60710-A4 / 60710-C6<br>50 St. 6,59 €/St. / 50 St. 2,50 €/St. |  |  |                                     | 60710-A4 / 60710-C6<br>50 St. 6,59 €/St. / 50 St. 2,50 €/St.               |                                |
|                                                                                                                                                                                                                                                                                                                                                          | Schrauben DIN 6921<br>(M 8 DIN 603 ISO 8677)         | 60829-A4 / 60829-C6<br>50 St. 1,46 €/St. / 50 St. 0,64 €/St. |  |  |                                     | 60829-A4 / 60829-C6<br>50 St. 1,46 €/St. / 50 St. 0,64 €/St.               |                                |
|                                                                                                                                                                                                                                                                                                                                                          | Isolierende Schutzkappe für<br>Schrauben<br>LDPE     | 66819<br>100 St. 23,52 €/100 St.                             |  |  |                                     | 66819<br>100 St. 23,52 €/100 St.                                           |                                |
|                                                                                                                                                                                                                                                                       | Horizontales Gelenkstück                             | 67844-44<br>12 St. 6,14 €/St.                                |  |  | 67844-44<br>12 St. 6,14 €/St.       | 67854-44<br>12 St. 11,37 €/St.                                             |                                |
|                                                                                                                                                                                                                                                                                                                                                          | Schrauben DIN 603 ISO 8677<br>(M 8 DIN 603 ISO 8677) | 66809-48<br>100 St. 36,16 €/100 St.                          |  |  | 66809-48<br>100 St. 36,16 €/100 St. | 66839-A4 / 66839-C6<br>100 St. 141,70 €/100 St. / 100 St. 100,82 €/100 St. |                                |
|                                                                                                                                                                                                                                                                       | Vertikales Gelenkstück                               | 67813-44<br>12 St. 10,32 €/St.                               |  |  | 67813-44<br>12 St. 10,32 €/St.      | 67833-44<br>12 St. 11,82 €/St.                                             |                                |
|                                                                                                                                                                                                                                                                                                                                                          | Schrauben DIN 603 ISO 8677<br>(M 8 DIN 603 ISO 8677) | 66809-48<br>100 St. 36,16 €/100 St.                          |  |  | 66809-48<br>100 St. 36,16 €/100 St. | 66839-A4 / 66839-C6<br>100 St. 141,70 €/100 St. / 100 St. 100,82 €/100 St. |                                |

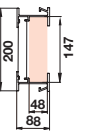
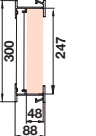
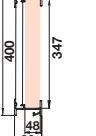
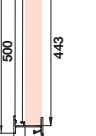
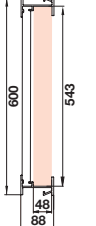
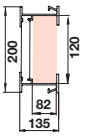
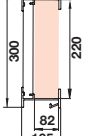
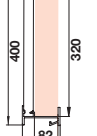
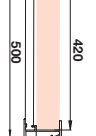
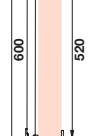
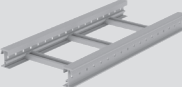


|                                                                                                    | Abmessungen (mm)        | 85x200                                                                            | 85x300                                                                            | 85x400                                                                              | 85x500                                                                              |  | 85x600                                                                              | 135x200                                                                             | 135x300                                                                             | 135x400                                                                             | 135x500                                                                             | 135x600                                                                             |
|----------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <br>Grau RAL 7035 | Querschnitte (mm)       |  |  |  |  |  |  |  |  |  |  |  |
|                   | Isolierende Kabelleiter | 67200-44                                                                          | 67300-44                                                                          | 67400-44                                                                            | 67500-44                                                                            |  | 67600-44                                                                            | 67220-44                                                                            | 67320-44                                                                            | 67420-44                                                                            | 67520-44                                                                            | 67620-44                                                                            |
|                                                                                                    |                         | 6 m 75,38 €/m                                                                     | 6 m 86,69 €/m                                                                     | 6 m 92,53 €/m                                                                       | 6 m 106,45 €/m                                                                      |  | 6 m 109,81 €/m                                                                      | 6 m 114,68 €/m                                                                      | 6 m 117,07 €/m                                                                      | 6 m 119,90 €/m                                                                      | 6 m 151,06 €/m                                                                      | 6 m 157,18 €/m                                                                      |

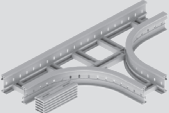
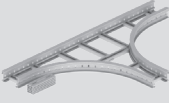
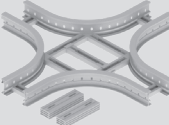
Elemente für den Richtungswechsel aus U48X

|                                                                                                                                                                                    |                                                      |                         |                    |                    |                    |  |                         |                                                     |                    |                    |                    |                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-------------------------|--------------------|--------------------|--------------------|--|-------------------------|-----------------------------------------------------|--------------------|--------------------|--------------------|--------------------|
| <br>+<br>4x      | Gelenkbogen vertikal                                 | 67212-44                | 67312-44           | 67412-44           | 67512-44           |  | 67612-44                | 67232-44                                            | 67332-44           | 67432-44           | 67532-44           | 67632-44           |
|                                                                                                                                                                                    |                                                      | 1 St. 70,23 €/St.       | 1 St. 72,28 €/St.  | 1 St. 79,62 €/St.  | 1 St. 83,07 €/St.  |  | 1 St. 85,11 €/St.       | 1 St. 92,07 €/St.                                   | 1 St. 94,28 €/St.  | 1 St. 102,86 €/St. | 1 St. 111,04 €/St. | 1 St. 113,07 €/St. |
|                                                                                                                                                                                    | Schrauben DIN 603 ISO 8677<br>(M 8 DIN 603 ISO 8677) | 66809-48                |                    |                    |                    |  | 66809-48                | 66839-A4 / 66839-C6                                 |                    |                    |                    |                    |
|                                                                                                                                                                                    |                                                      | 100 St. 36,16 €/100 St. |                    |                    |                    |  | 100 St. 36,16 €/100 St. | 100 St. 141,70 €/100 St. / 100 St. 100,82 €/100 St. |                    |                    |                    |                    |
| <br>+<br>8x    | Flachbogen 90°                                       | 67206-44                | 67306-44           | 67406-44           | 67506-44           |  | 67606-44                | 67226-44                                            | 67326-44           | 67426-44           | 67526-44           | 67626-44           |
|                                                                                                                                                                                    |                                                      | 1 St. 296,19 €/St.      | 1 St. 306,35 €/St. | 1 St. 310,82 €/St. | 1 St. 328,68 €/St. |  | 1 St. 348,85 €/St.      | 1 St. 338,70 €/St.                                  | 1 St. 349,25 €/St. | 1 St. 408,59 €/St. | 1 St. 420,49 €/St. | 1 St. 430,58 €/St. |
|                                                                                                                                                                                    | Schrauben DIN 603 ISO 8677<br>(M 8 DIN 603 ISO 8677) | 66809-48                |                    |                    |                    |  | 66809-48                | 66839-A4 / 66839-C6                                 |                    |                    |                    |                    |
|                                                                                                                                                                                    |                                                      | 100 St. 36,16 €/100 St. |                    |                    |                    |  | 100 St. 36,16 €/100 St. | 100 St. 141,70 €/100 St. / 100 St. 100,82 €/100 St. |                    |                    |                    |                    |
| <br>+<br>8x  | Flachbogen 90°                                       | 67207-44                | 67307-44           | 67407-44           | 67507-44           |  | 67607-44                | 67227-44                                            | 67327-44           | 67427-44           | 67527-44           | 67627-44           |
|                                                                                                                                                                                    |                                                      | 1 St. 311,46 €/St.      | 1 St. 336,46 €/St. | 1 St. 340,54 €/St. | 1 St. 369,25 €/St. |  | 1 St. 375,83 €/St.      | 1 St. 392,50 €/St.                                  | 1 St. 415,16 €/St. | 1 St. 428,28 €/St. | 1 St. 470,94 €/St. | 1 St. 478,57 €/St. |
|                                                                                                                                                                                    | Schrauben DIN 603 ISO 8677<br>(M 8 DIN 603 ISO 8677) | 66809-48                |                    |                    |                    |  | 66809-48                | 66839-A4 / 66839-C6                                 |                    |                    |                    |                    |
|                                                                                                                                                                                    |                                                      | 100 St. 36,16 €/100 St. |                    |                    |                    |  | 100 St. 36,16 €/100 St. | 100 St. 141,70 €/100 St. / 100 St. 100,82 €/100 St. |                    |                    |                    |                    |
| <br>+<br>8x  | Flachbogen 45°                                       | 67216-44                | 67316-44           | 67416-44           | 67516-44           |  | 67616-44                | 67236-44                                            | 67336-44           | 67436-44           | 67536-44           | 67636-44           |
|                                                                                                                                                                                    |                                                      | 1 St. 256,68 €/St.      | 1 St. 258,77 €/St. | 1 St. 265,18 €/St. | 1 St. 288,12 €/St. |  | 1 St. 292,34 €/St.      | 1 St. 304,80 €/St.                                  | 1 St. 307,89 €/St. | 1 St. 317,46 €/St. | 1 St. 359,10 €/St. | 1 St. 364,55 €/St. |
|                                                                                                                                                                                    | Schrauben DIN 603 ISO 8677<br>(M 8 DIN 603 ISO 8677) | 66809-48                |                    |                    |                    |  | 66809-48                | 66839-A4 / 66839-C6                                 |                    |                    |                    |                    |
|                                                                                                                                                                                    |                                                      | 100 St. 36,16 €/100 St. |                    |                    |                    |  | 100 St. 36,16 €/100 St. | 100 St. 141,70 €/100 St. / 100 St. 100,82 €/100 St. |                    |                    |                    |                    |
| <br>+<br>8x  | Flachbogen 45°                                       | 67217-44                | 67317-44           | 67417-44           | 67517-44           |  | 67617-44                | 67237-44                                            | 67337-44           | 67437-44           | 67537-44           | 67637-44           |
|                                                                                                                                                                                    |                                                      | 1 St. 262,44 €/St.      | 1 St. 270,05 €/St. | 1 St. 272,85 €/St. | 1 St. 302,24 €/St. |  | 1 St. 306,96 €/St.      | 1 St. 322,59 €/St.                                  | 1 St. 325,11 €/St. | 1 St. 331,03 €/St. | 1 St. 378,46 €/St. | 1 St. 388,30 €/St. |
|                                                                                                                                                                                    | Schrauben DIN 603 ISO 8677<br>(M 8 DIN 603 ISO 8677) | 66809-48                |                    |                    |                    |  | 66809-48                | 66839-A4 / 66839-C6                                 |                    |                    |                    |                    |
|                                                                                                                                                                                    |                                                      | 100 St. 36,16 €/100 St. |                    |                    |                    |  | 100 St. 36,16 €/100 St. | 100 St. 141,70 €/100 St. / 100 St. 100,82 €/100 St. |                    |                    |                    |                    |
|                                                                                                 | Abdeckung Flachbogen 45°<br>(2)                      | 67214-44                | 67314-44           | 67414-44           |                    |  | 67614-44                | 67214-44                                            | 67314-44           | 67414-44           |                    | 67614-44           |
|                                                                                                                                                                                    |                                                      | 1 St. 64,32 €/St.       | 1 St. 73,77 €/St.  | 1 St. 93,24 €/St.  |                    |  | 1 St. 157,44 €/St.      | 1 St. 64,32 €/St.                                   | 1 St. 73,77 €/St.  | 1 St. 93,24 €/St.  |                    | 1 St. 157,44 €/St. |



|                                                                                   | Abmessungen (mm)        | 85x200                                                                            | 85x300                                                                             | 85x400                                                                              | 85x500                                                                              |  | 85x600                                                                              | 135x200                                                                             | 135x300                                                                             | 135x400                                                                             | 135x500                                                                             | 135x600                                                                             |
|-----------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  | Querschnitte (mm)       |  |  |  |  |  |  |  |  |  |  |  |
|  | Isolierende Kabelleiter | 67200-44                                                                          | 67300-44                                                                           | 67400-44                                                                            | 67500-44                                                                            |  | 67600-44                                                                            | 67220-44                                                                            | 67320-44                                                                            | 67420-44                                                                            | 67520-44                                                                            | 67620-44                                                                            |
|                                                                                   |                         | 6 m 75,38 €/m                                                                     | 6 m 86,69 €/m                                                                      | 6 m 92,53 €/m                                                                       | 6 m 106,45 €/m                                                                      |  | 6 m 109,81 €/m                                                                      | 6 m 114,68 €/m                                                                      | 6 m 117,07 €/m                                                                      | 6 m 119,90 €/m                                                                      | 6 m 151,06 €/m                                                                      | 6 m 157,18 €/m                                                                      |

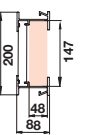
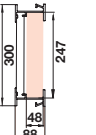
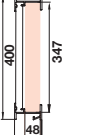
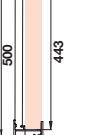
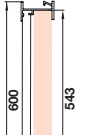
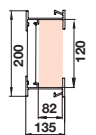
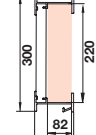
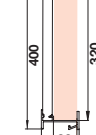
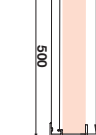
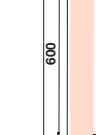
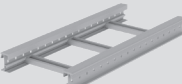
Elemente für den Richtungswechsel aus **U48X**

|                                                                                     |                                                      |                         |                    |                    |                    |                         |                                                     |                    |                    |                    |                    |
|-------------------------------------------------------------------------------------|------------------------------------------------------|-------------------------|--------------------|--------------------|--------------------|-------------------------|-----------------------------------------------------|--------------------|--------------------|--------------------|--------------------|
|    | Abdeckung Flachbogen 45°<br>(2)                      | 67215-44                | 67315-44           | 67415-44           |                    | 67615-44                | 67215-44                                            | 67315-44           | 67415-44           |                    | 67615-44           |
|                                                                                     |                                                      | 1 St. 100,13 €/St.      | 1 St. 102,11 €/St. | 1 St. 130,55 €/St. |                    | 1 St. 202,22 €/St.      | 1 St. 100,13 €/St.                                  | 1 St. 102,11 €/St. | 1 St. 130,55 €/St. |                    | 1 St. 202,22 €/St. |
|    | T-Abzweiger                                          | 67218-44                | 67318-44           | 67418-44           | 67518-44           | 67618-44                | 67238-44                                            | 67338-44           | 67438-44           | 67538-44           | 67638-44           |
|                                                                                     |                                                      | 1 St. 326,06 €/St.      | 1 St. 338,10 €/St. | 1 St. 358,40 €/St. | 1 St. 368,96 €/St. | 1 St. 386,09 €/St.      | 1 St. 412,14 €/St.                                  | 1 St. 421,60 €/St. | 1 St. 432,72 €/St. | 1 St. 472,34 €/St. | 1 St. 485,69 €/St. |
|    | Schrauben DIN 603 ISO 8677<br>(M 8 DIN 603 ISO 8677) | 66809-48                |                    |                    |                    | 66809-48                | 66839-A4 / 66839-C6                                 |                    |                    |                    |                    |
| 12x                                                                                 |                                                      | 100 St. 36,16 €/100 St. |                    |                    |                    | 100 St. 36,16 €/100 St. | 100 St. 141,70 €/100 St. / 100 St. 100,82 €/100 St. |                    |                    |                    |                    |
|  | T-Abzweiger                                          | 67219-44                | 67319-44           | 67419-44           | 67519-44           | 67619-44                | 67239-44                                            | 67339-44           | 67439-44           | 67539-44           | 67639-44           |
|                                                                                     |                                                      | 1 St. 402,44 €/St.      | 1 St. 412,63 €/St. | 1 St. 433,98 €/St. | 1 St. 578,31 €/St. | 1 St. 584,02 €/St.      | 1 St. 513,38 €/St.                                  | 1 St. 517,27 €/St. | 1 St. 526,15 €/St. | 1 St. 689,64 €/St. | 1 St. 693,70 €/St. |
|  | Schrauben DIN 603 ISO 8677<br>(M 8 DIN 603 ISO 8677) | 66809-48                |                    |                    |                    | 66809-48                | 66839-A4 / 66839-C6                                 |                    |                    |                    |                    |
| 12x                                                                                 |                                                      | 100 St. 36,16 €/100 St. |                    |                    |                    | 100 St. 36,16 €/100 St. | 100 St. 141,70 €/100 St. / 100 St. 100,82 €/100 St. |                    |                    |                    |                    |
|  | Kreuzung                                             | 67208-44                | 67308-44           | 67408-44           | 67508-44           | 67608-44                | 67228-44                                            | 67328-44           | 67428-44           | 67528-44           | 67628-44           |
|                                                                                     |                                                      | 1 St. 507,59 €/St.      | 1 St. 521,79 €/St. | 1 St. 640,21 €/St. | 1 St. 657,84 €/St. | 1 St. 669,40 €/St.      | 1 St. 597,91 €/St.                                  | 1 St. 600,41 €/St. | 1 St. 715,44 €/St. | 1 St. 752,61 €/St. | 1 St. 770,08 €/St. |
|  | Schrauben DIN 603 ISO 8677<br>(M 8 DIN 603 ISO 8677) | 66809-48                |                    |                    |                    | 66809-48                | 66839-A4 / 66839-C6                                 |                    |                    |                    |                    |
| 16x                                                                                 |                                                      | 100 St. 36,16 €/100 St. |                    |                    |                    | 100 St. 36,16 €/100 St. | 100 St. 141,70 €/100 St. / 100 St. 100,82 €/100 St. |                    |                    |                    |                    |
|  | Kreuzung                                             | 67209-44                | 67309-44           | 67409-44           | 67509-44           | 67609-44                | 67229-44                                            | 67329-44           | 67429-44           | 67529-44           | 67629-44           |
|                                                                                     |                                                      | 1 St. 725,20 €/St.      | 1 St. 745,57 €/St. | 1 St. 775,07 €/St. | 1 St. 791,06 €/St. | 1 St. 805,60 €/St.      | 1 St. 806,49 €/St.                                  | 1 St. 812,19 €/St. | 1 St. 865,08 €/St. | 1 St. 916,28 €/St. | 1 St. 936,93 €/St. |
|  | Schrauben DIN 603 ISO 8677<br>(M 8 DIN 603 ISO 8677) | 66809-48                |                    |                    |                    | 66809-48                | 66839-A4 / 66839-C6                                 |                    |                    |                    |                    |
| 16x                                                                                 |                                                      | 100 St. 36,16 €/100 St. |                    |                    |                    | 100 St. 36,16 €/100 St. | 100 St. 141,70 €/100 St. / 100 St. 100,82 €/100 St. |                    |                    |                    |                    |

**A4** Edelstahl V4A **C6** Verzinkung Klasse 6 gemäß EN 61537

Fortsetzung auf der nächsten Seite



|                                                                                                    | Abmessungen (mm)        | 85x200                                                                            | 85x300                                                                             | 85x400                                                                              | 85x500                                                                              |  | 85x600                                                                              | 135x200                                                                             | 135x300                                                                             | 135x400                                                                             | 135x500                                                                             | 135x600                                                                             |
|----------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <br>Grau RAL 7035 | Querschnitte (mm)       |  |  |  |  |  |  |  |  |  |  |  |
|                   | Isolierende Kabelleiter | <b>67200-44</b>                                                                   | <b>67300-44</b>                                                                    | <b>67400-44</b>                                                                     | <b>67500-44</b>                                                                     |  | <b>67600-44</b>                                                                     | <b>67220-44</b>                                                                     | <b>67320-44</b>                                                                     | <b>67420-44</b>                                                                     | <b>67520-44</b>                                                                     | <b>67620-44</b>                                                                     |
|                                                                                                    |                         | 6 m 75,38 €/m                                                                     | 6 m 86,69 €/m                                                                      | 6 m 92,53 €/m                                                                       | 6 m 106,45 €/m                                                                      |  | 6 m 109,81 €/m                                                                      | 6 m 114,68 €/m                                                                      | 6 m 117,07 €/m                                                                      | 6 m 119,90 €/m                                                                      | 6 m 151,06 €/m                                                                      | 6 m 157,18 €/m                                                                      |

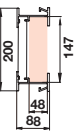
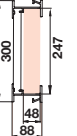
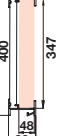
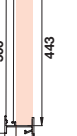
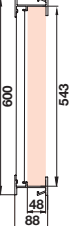
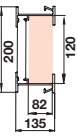
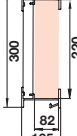
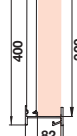
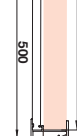
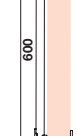
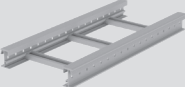
Trägerelemente für die Befestigung an die Wand aus U48X

|                                                                                     |                                               |                                                     |                   |                   |                   |
|-------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------|-------------------|-------------------|-------------------|
|    | Isolierender Ausleger                         | <b>60203-44</b>                                     | <b>60303-44</b>   | <b>60403-44</b>   | <b>60503-44</b>   |
|                                                                                     | U48X                                          | 4 St. 10,33 €/St.                                   | 4 St. 14,96 €/St. | 4 St. 29,48 €/St. | 4 St. 55,09 €/St. |
|    | Trägerbefestigung                             | 67812-48                                            |                   |                   |                   |
|                                                                                     | U48X<br>Grau                                  | 20 St. 4,30 €/St.                                   |                   |                   |                   |
|    | Schraube DIN 6921<br>(M 8 DIN 6921)           | 66849-A4 / 66849-C6                                 |                   |                   |                   |
|                                                                                     |                                               | 100 St. 285,52 €/100 St. / 100 St. 110,01 €/100 St. |                   |                   |                   |
|  | Isolierende Schutzkappe für Schrauben<br>LDPE | 66819                                               |                   |                   |                   |
|                                                                                     |                                               | 100 St. 23,52 €/100 St.                             |                   |                   |                   |

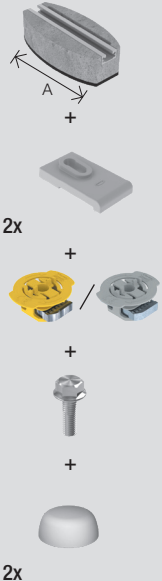
|                                                                                     |                                               |                        |                                       |
|-------------------------------------------------------------------------------------|-----------------------------------------------|------------------------|---------------------------------------|
|  | Isolierende Tragschiene<br>2 m                | A = 50 mm<br>B = 50 mm | 60204-48                              |
|                                                                                     | U48X<br>Grau                                  | A = 25 mm<br>B = 50 mm | 8 m 24,11 €/m                         |
|  | Gleitmutter mit Feder<br>M 8                  |                        | 60202-48                              |
|                                                                                     |                                               |                        | 16 m 14,48 €/m                        |
|  | Schrauben DIN 6921<br>(M 8 DIN 603 ISO 8677)  |                        | 60710-A4 / 60710-C6                   |
|                                                                                     |                                               |                        | 50 St. 6,59 €/St. / 50 St. 2,50 €/St. |
|  | Isolierender Ausleger                         |                        | 60849-A4 / 60849-C6                   |
|                                                                                     | U48X                                          |                        | 50 St. 2,32 €/St. / 50 St. 0,69 €/St. |
|  | Trägerbefestigung                             |                        | 60203-44                              |
|                                                                                     | U48X<br>Grau                                  |                        | 60303-44                              |
|  | Schrauben DIN 6921<br>(M 8 DIN 603 ISO 8677)  |                        | 4 St. 10,33 €/St.                     |
|                                                                                     |                                               |                        | 4 St. 14,96 €/St.                     |
|  | Isolierende Schutzkappe für Schrauben<br>LDPE |                        | 67812-48                              |
|                                                                                     |                                               |                        | 20 St. 4,30 €/St.                     |
|                                                                                     |                                               |                        | 60849-A4 / 60849-C6                   |
|                                                                                     |                                               |                        | 50 St. 2,32 €/St. / 50 St. 0,69 €/St. |
|                                                                                     |                                               |                        | 66819                                 |
|                                                                                     |                                               |                        | 100 St. 23,52 €/100 St.               |

|                                                     |                   |                   |                   |                   |                   |
|-----------------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>60603-44</b>                                     | <b>60203-44</b>   | <b>60303-44</b>   | <b>60403-44</b>   | <b>60503-44</b>   | <b>60603-44</b>   |
| 4 St. 58,38 €/St.                                   | 4 St. 10,33 €/St. | 4 St. 14,96 €/St. | 4 St. 29,48 €/St. | 4 St. 55,09 €/St. | 4 St. 58,38 €/St. |
| 67812-48                                            |                   |                   |                   |                   |                   |
| 20 St. 4,30 €/St.                                   |                   |                   |                   |                   |                   |
| 66849-A4 / 66849-C6                                 |                   |                   |                   |                   |                   |
| 100 St. 285,52 €/100 St. / 100 St. 110,01 €/100 St. |                   |                   |                   |                   |                   |
| 66819                                               |                   |                   |                   |                   |                   |
| 100 St. 23,52 €/100 St.                             |                   |                   |                   |                   |                   |

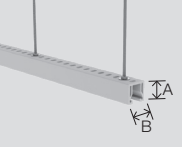


|                                                                                                    | Abmessungen (mm)        | 85x200                                                                            | 85x300                                                                            | 85x400                                                                              | 85x500                                                                              |  | 85x600                                                                              | 135x200                                                                             | 135x300                                                                             | 135x400                                                                             | 135x500                                                                             | 135x600                                                                             |
|----------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <br>Grau RAL 7035 | Querschnitte (mm)       |  |  |  |  |  |  |  |  |  |  |  |
|                   | Isolierende Kabelleiter | 67200-44                                                                          | 67300-44                                                                          | 67400-44                                                                            | 67500-44                                                                            |  | 67600-44                                                                            | 67220-44                                                                            | 67320-44                                                                            | 67420-44                                                                            | 67520-44                                                                            | 67620-44                                                                            |
|                                                                                                    |                         | 6 m 75,38 €/m                                                                     | 6 m 86,69 €/m                                                                     | 6 m 92,53 €/m                                                                       | 6 m 106,45 €/m                                                                      |  | 6 m 109,81 €/m                                                                      | 6 m 114,68 €/m                                                                      | 6 m 117,07 €/m                                                                      | 6 m 119,90 €/m                                                                      | 6 m 151,06 €/m                                                                      | 6 m 157,18 €/m                                                                      |

Trägerelemente für Flachdachinstallationen aus U48X

|                                                                                    |                                                  |           |                                       |  |                                       |
|------------------------------------------------------------------------------------|--------------------------------------------------|-----------|---------------------------------------|--|---------------------------------------|
|  | Beschwe-<br>rungs-<br>stein<br>(4)               | A: 300 mm | 60305-48                              |  | 60305-48                              |
|                                                                                    |                                                  |           | 1 St. 48,46 €/St.                     |  | 1 St. 48,46 €/St.                     |
|                                                                                    | Trägerbefestigung                                | A: 150 mm | 60155-48                              |  | 60155-48                              |
|                                                                                    |                                                  |           | 2 St. 25,19 €/St.                     |  | 2 St. 25,19 €/St.                     |
|                                                                                    | Gleitmutter mit Feder<br>M 8                     |           | 67812-48                              |  | 67812-48                              |
|                                                                                    |                                                  |           | 20 St. 4,30 €/St.                     |  | 20 St. 4,30 €/St.                     |
|                                                                                    | Schrauben DIN 6921<br>(M 8 DIN 603 ISO 8677)     |           | 60710-A4 / 60710-C6                   |  | 60710-A4 / 60710-C6                   |
|                                                                                    |                                                  |           | 50 St. 6,59 €/St. / 50 St. 2,50 €/St. |  | 50 St. 6,59 €/St. / 50 St. 2,50 €/St. |
|                                                                                    | Isolierende Schutzkappe für<br>Schrauben<br>LDPE |           | 60829-A4 / 60829-C6                   |  | 60829-A4 / 60829-C6                   |
|                                                                                    |                                                  |           | 50 St. 1,46 €/St. / 50 St. 0,64 €/St. |  | 50 St. 1,46 €/St. / 50 St. 0,64 €/St. |
|                                                                                    |                                                  |           | 66819                                 |  | 66819                                 |
|                                                                                    |                                                  |           | 100 St. 23,52 €/100 St.               |  | 100 St. 23,52 €/100 St.               |

Befestigung an die Decke mit Tragschiene aus U48X

|                                                                                     |                                   |                        |                |  |                |
|-------------------------------------------------------------------------------------|-----------------------------------|------------------------|----------------|--|----------------|
|  | Isolierende<br>Tragschiene<br>(3) | A = 50 mm<br>B = 50 mm | 60204-48       |  | 60204-48       |
|                                                                                     | 2 m                               |                        | 8 m 24,11 €/m  |  | 8 m 24,11 €/m  |
|                                                                                     |                                   | A = 25 mm<br>B = 50 mm | 60202-48       |  | 60202-48       |
|                                                                                     |                                   |                        | 16 m 14,48 €/m |  | 16 m 14,48 €/m |

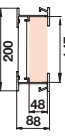
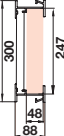
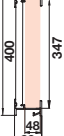
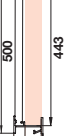
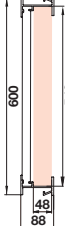
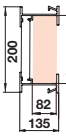
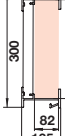
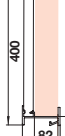
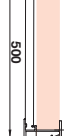
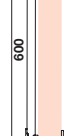
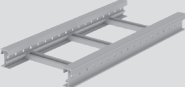
Befestigungselemente aus U48X Achatgrau RAL 7038

|                                                                                     |                                                      |  |                                                     |  |                                                     |
|-------------------------------------------------------------------------------------|------------------------------------------------------|--|-----------------------------------------------------|--|-----------------------------------------------------|
|  | Winkel für Wandbefestigung                           |  | 67822-48                                            |  | 67822-48                                            |
|                                                                                     |                                                      |  | 20 St. 8,27 €/St.                                   |  | 20 St. 8,27 €/St.                                   |
|  | Schrauben DIN 603 ISO 8677<br>(M 8 DIN 603 ISO 8677) |  | 66839-A4 / 66839-C6                                 |  | 66839-A4 / 66839-C6                                 |
|                                                                                     |                                                      |  | 100 St. 141,70 €/100 St. / 100 St. 100,82 €/100 St. |  | 100 St. 141,70 €/100 St. / 100 St. 100,82 €/100 St. |
|  | Abdeckungsklammer (5)                                |  | 67845-48                                            |  | 67845-48                                            |
|                                                                                     |                                                      |  | 50 St. 1,64 €/St.                                   |  | 50 St. 1,64 €/St.                                   |
|  | Deckelabstandshalter (6)                             |  | 67855-48                                            |  | 67855-48                                            |
|                                                                                     |                                                      |  | 12 St. 3,81 €/St.                                   |  | 12 St. 3,81 €/St.                                   |
|  | Kabelklemme                                          |  | 67001-44                                            |  | 67001-44                                            |
|                                                                                     |                                                      |  | 12 St. 1,75 €/St.                                   |  | 12 St. 1,75 €/St.                                   |

A4 Edelstahl V4A C6 Verzinkung Klasse 6 gemäß EN 61537

Fortsetzung auf der nächsten Seite

NEU

|                                                                                                    | Abmessungen (mm)        | 85x200                                                                            | 85x300                                                                            | 85x400                                                                              | 85x500                                                                              |  | 85x600                                                                              | 135x200                                                                             | 135x300                                                                             | 135x400                                                                             | 135x500                                                                             | 135x600                                                                             |
|----------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <br>Grau RAL 7035 | Querschnitte (mm)       |  |  |  |  |  |  |  |  |  |  |  |
|                   | Isolierende Kabelleiter | <b>67200-44</b><br>6 m 75,38 €/m                                                  | <b>67300-44</b><br>6 m 86,69 €/m                                                  | <b>67400-44</b><br>6 m 92,53 €/m                                                    | <b>67500-44</b><br>6 m 106,45 €/m                                                   |  | <b>67600-44</b><br>6 m 109,81 €/m                                                   | <b>67220-44</b><br>6 m 114,68 €/m                                                   | <b>67320-44</b><br>6 m 117,07 €/m                                                   | <b>67420-44</b><br>6 m 119,90 €/m                                                   | <b>67520-44</b><br>6 m 151,06 €/m                                                   | <b>67620-44</b><br>6 m 157,18 €/m                                                   |

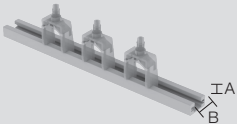
Kennzeichnungselemente aus U48X

|                                                                                     |                                            |                                      |  |                                      |
|-------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------|--|--------------------------------------|
|    | <b>Kennzeichnungsschild</b><br>Grün        | <b>67010-GN</b><br>12 St. 1,80 €/St. |  | <b>67010-GN</b><br>12 St. 1,80 €/St. |
|    | <b>Kennzeichnungsschild</b><br>Rot         | <b>67010-RD</b><br>12 St. 1,80 €/St. |  | <b>67010-RD</b><br>12 St. 1,80 €/St. |
|    | <b>Kennzeichnungsschild</b><br>Blau        | <b>67010-BU</b><br>12 St. 1,80 €/St. |  | <b>67010-BU</b><br>12 St. 1,80 €/St. |
|  | <b>Kennzeichnungsschild</b><br>Gelb        | <b>67010-YL</b><br>12 St. 1,80 €/St. |  | <b>67010-YL</b><br>12 St. 1,80 €/St. |
|  | <b>Kennzeichnungsschutz</b><br>Transparent | <b>67011-CL</b><br>12 St. 1,55 €/St. |  | <b>67011-CL</b><br>12 St. 1,55 €/St. |

Kabelschelle aus U48X

|                                                                                     | Min./Max. Durchmesser (mm) | 8/12                                 | 12/16                                | 16/22                                |  | 22/28                                | 28/34                                | 34/40                                | 40/46                                | 46/52                                | 58/64                                |
|-------------------------------------------------------------------------------------|----------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
|  | Kabelschelle               | <b>67701-48</b><br>12 St. 2,96 €/St. | <b>67711-48</b><br>12 St. 3,09 €/St. | <b>67721-48</b><br>12 St. 3,20 €/St. |  | <b>67731-48</b><br>12 St. 3,30 €/St. | <b>67741-48</b><br>12 St. 5,48 €/St. | <b>67751-48</b><br>12 St. 5,58 €/St. | <b>67761-48</b><br>12 St. 5,68 €/St. | <b>67771-48</b><br>12 St. 6,62 €/St. | <b>67791-48</b><br>12 St. 6,92 €/St. |

Isolierende Tragschiene (Kompatibel mit allen Unex-Kabelschellen) aus U48X

|                                                                                     |                                                                   |                        |                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------|-----------------------------------|
|  | <b>Isolierende Tragschiene</b><br>(3)<br>2 m<br>U48X<br>Achatgrau | A = 50 mm<br>B = 50 mm | <b>60204-48</b><br>8 m 24,11 €/m  |
|                                                                                     |                                                                   | A = 25 mm<br>B = 50 mm | <b>60202-48</b><br>16 m 14,48 €/m |
|                                                                                     |                                                                   |                        |                                   |

- (1) Art.-Nr. 67825-44 und 67834-44 zwei Schrauben und Art.-Nr. 67835-44 vier Schrauben.  
(2) Befestigungen der Abdeckung Art.-Nr. 67845-48 werden mitgeliefert.  
(3) Bei isolierenden Tragschienen mit einer Länge von 500 mm oder mehr müssen an jedem Ende ein Befestigungselement und Zwischenbefestigungen so angebracht werden, dass der maximale Abstand zwischen ihnen 400 mm beträgt. Siehe Montageanleitung unter [www.unex.net](http://www.unex.net). Für die Trapezmontage mit M8-Stangen geeignet. Gewindestangen werden nicht mitgeliefert.  
(4) Kompatibel mit Standard-Gleitmutter 41. Bei der Anwendung auf PVC-P-Abdichtungsbahnen bitte Kontakt mit dem technischen Kundendienst aufnehmen. Zur Befestigung der Träger an den Kabeltragsystemen Metallschrauben verwenden.  
(5) Optionaler Einsatz für die Montage der Abdeckung.  
(6) Einsatz der Befestigung der Abdeckung Art.-Nr. 67845-48.

NEU



