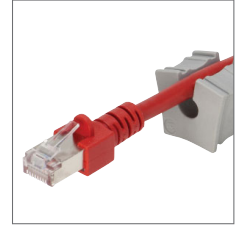


# KVT-ER

## Split cable glands



Certified protection class  
IP65/IP66/IP67/IP68



Slit KT grommets

### Product description

KVT-ER are split cable glands for routing and sealing cables with and without connectors, conduits or pneumatic hoses with diameters from 1 to 16 mm (KT 1 - 15) and 16 to 35 mm (KT 16 - 34).

Due to the injected gasket and if single-hole grommets are used, the KVT-ER provides certified protection ratings IP65/IP66/IP67/IP68.

The KVT-ER sizes are based on metric standard cut-outs M25, M32, M50 and M63. Hexagonal locknuts are included in the shipment.

For assembly, we recommend to tighten the cover lid screws with max. 2 N m.

| Description | Type        | Order No. | Grommets KT<br>small   large | Thread<br>Thread length      | PU |
|-------------|-------------|-----------|------------------------------|------------------------------|----|
|             | KVT-ER 25*  | 45450     | 1 -                          | M25 × 1.5<br>Length: 18 mm   | 10 |
|             | KVT-ER 32   | 45452     | 1 -                          | M32 × 1.5<br>Length: 18 mm   | 10 |
|             | KVT-ER 50 2 | 45454     | 2 -                          | M50 × 1.5<br>Length: 20.5 mm | 5  |

### Locknuts

Locknuts with special cut-outs are available separately.



**KGM-SUB-D9** fits D-Sub 9 connectors  
(Required wall cut-out: Ø 36 mm, PU: 10)  
■ Order No. 45106

**KGM-SUB-D25** fits SUB-D25 connectors  
(Required wall cut-out: Ø 50 - 54 mm, PU:10)  
■ Order No. 45110



Type GMT: Split locknut, p. 209

\* Max. cable diameter of 15 mm

# KVT-ER

## Split cable glands



Injected elastomer gasket



Slit KT grommets

Configure  
online  
now



IP66

IP68

1.12

| Description | Type        | Order No. | Grommets KT<br>small   large | Thread<br>Thread length         | PU |
|-------------|-------------|-----------|------------------------------|---------------------------------|----|
|             | KVT-ER 63 1 | 45455     | - 1                          | M63 x 1.5<br>Length:<br>20.5 mm | 5  |
|             | KVT-ER 63 4 | 45456     | 4 -                          | M63 x 1.5<br>Length:<br>20.5 mm | 5  |

### Advantages & benefits

- Certified protection class IP65/IP66/IP67/IP68 according to EN 60529
- Very high strain relief according to EN 62444
- Maintain manufacturer's warranty on pre-terminated cables
- Retrofits, repairs and maintenance can be done easily and quickly
- High cable density
- Suitable for metric cut-outs
- Hexagonal nut included in the delivery
- Anti-corrosive V2A stainless steel screws
- Very robust housing, vibration resistant
- Modern design

### Specifications

|                        |   |
|------------------------|---|
| Material               | Frame: Polypropylene (PP)<br>Injected gasket: Elastomer                                       |
| Flame class            | UL94-V0, self-extinguishing   |
| IP rating              | IP65/IP66/IP67/IP68, if correctly assembled with single grommets (certified acc. to EN 60529) |
| Temperature Properties | - 40°C to + 110°C (static)<br>Halogen-free, silicone-free                                     |
| Cut-out dimension      | Metric sizes  |

### Accessories

|                     |           |
|---------------------|-----------|
| KT Cable grommets   | 48 - 52   |
| AT Adapter grommets | 54 - 57   |
| KVT-EMC Brackets    | 151       |
| Locknuts            | 208 - 209 |
| ST Plugs            | 53        |