

TrueDrop connectors



Less signal noise, more user-friendliness and better overall reliability thanks to our proprietary, self-centering, conical connector interface, make TrueDrop connectors very adaptable

to a variety of connection conditions, offer a uniform 360-degree contact, eliminate air gaps, reduce damage to the O-ring and counteract the rotation of the sleeve.

| Parameter | Frequenz [MHz] | F-59-TD SELF INSTALL 3,9 NI | F-6-TD SELF INSTALL 4,9 NI | F-6-TD SELF INSTALL 5,1 NI |
|----------------------------------|----------------|-------------------------------------|-------------------------------------|--|
| For cable type | | e.g. Ören HD-083 and Belden H121T00 | e.g. Ören HD-103 and Belden H126T00 | e.g. BKS 1,1/4,8-90, BKS 2050/30 and Ören HD-113 |
| Type | | Self-Install | | |
| Installation | | Mounting without special tools | | |
| Frequency range [MHz] | | 0,3 – 3.000 MHz | | |
| Screening [dB] | 30 – 1.000 | > 105, Class A++ | | |
| Transfer impedance/item [mΩ] | 5 – 30 | < 0,53 | < 0,18 | < 0,53 |
| Impedance [Ω] | | 75 | | |
| Operating temperature range [°C] | | -40 – +70 | | |
| Return loss [dB] | 0,3 – 1.000 | > 37 | > 35 | > 36 |
| Order No. | | 54280121 | 54280131 | 54280136 |

| Parameter | Frequenz [MHz] | FM-MINI-TD QM 3,1 W/O O-RING | FM-MINI-TD QM 4,0 W/O O-RING | F-MINI-TD QM 4,0 SHORT | FM-MINI-TD QM 4,5 W/O O-RING | F-MINI-TD QM 4,5 SHORT | FM-MINI-TD QM 5,0 W/O O-RING | F-MINI-TD QM 5,0 SHORT |
|----------------------------------|----------------|--|-------------------------------------|-------------------------------------|------------------------------|------------------------|----------------------------------|----------------------------------|
| For cable type | | e.g. Telass 40 | e.g. Ören HD-063 and Belden H 123 B | e.g. Ören HD-063 and Belden H 123 B | e.g. Belden H 123 | e.g. Belden H 123 | e.g. Belden H 121 AL and H 121 B | e.g. Belden H 121 AL and H 121 B |
| Type | | Quick Mount™ | | | | | | |
| Installation | | Mounting only with compression tool, please find further information concerning compression tools within our tools catalogue | | | | | | |
| Frequency range [MHz] | | 0,3 – 3.000 MHz | | | | | | |
| Screening* [dB] | 30 – 1.000 | > 93 Class A | > 85 Class A | > 105 Class A++ | > 75 Class A | > 85 Class A | > 85 Class A | > 105 Class A++ |
| Transfer impedance/item [mΩ] | 5 – 30 | < 0,39 | < 0,27 | < 0,11 | < 0,14 | < 0,11 | < 0,39 | < 0,05 |
| Impedance [Ω] | | 75 | | | | | | |
| Operating temperature range [°C] | | -40 – +70 | | | | | | |
| Return loss [dB] | 0,3 – 1.000 | > 37 | > 31 | > 25 | > 28 | > 33 | > 32 | > 28 |
| Order No. | | 54280201 | 54280202 | 54280204 | 54280206 | 54280208 | 54280210 | 54280212 |

* Please note that the specified screening depends on the cable used. With high-quality coaxial cables, it is often possible to achieve better values than specified. You can find information on high-quality coaxial cables in our corresponding product category.

54280214
F-59-TD QM
6,0 SHORT

54280220
F-6-TD QM 7,0

54280221
F-6-TD QM 7,0
W/O O-RING

54280222
F-6-TD QM 7,0
SHORT
W/O O-RING

54280316
F-59-TD 3,7

54280321
F-59-TD 3,9

54280335
F-59-TD
3,9 HEC

54280341
F-6-TD 4,9

54280346
F-6-TD 5,1



| Parameter | | F-59-TD QM 6,0 | F-6-TD QM 7,0 | F-6-TD QM 7,0 W/O O-RING | F-6-TD QM 7,0 SHORT W/O O-RING |
|----------------------------------|-------------|---|----------------------|--------------------------|--------------------------------|
| For cable type | | e.g. HD-083 | e.g. HD-103 & HD-113 | e.g. HD-103 & HD-113 | e.g. BKS1,1/4,8-90, BKS2050/30 |
| Type | | Quick Mount™ | | | |
| Installation | | Mounting only with compression tool, please find further information concerning compression tools within our tools catalogue | | | |
| Frequency range [MHz] | | 0,3 – 3.000 MHz | | | |
| Screening [dB] | 30 – 1.000 | > 105 Class A++ | > 130 Class A++ | > 130 Class A++ | > 105 Class A++ |
| Transfer impedance/item [mΩ] | 5 – 30 | < 0,07 | < 0,09 | < 0,09 | < 0,14 |
| Impedance [Ω] | | 75 | | | |
| Operating temperature range [°C] | | -40 – +70 | | | |
| Return loss [dB] | 0,3 – 1.000 | > 26 | > 29 | > 29 | > 29 |
| Order No. | | 54280214 | 54280220 | 54280221 | 54280222 |

| Parameter | | F-59-TD 3,7 | F-59-TD 3,9 | F-59-TD 3,9 HEC | F-6-TD 4,9 | F-6-TD 5,1 |
|----------------------------------|-------------|---|--|----------------------------------|--|--------------------------------|
| For cable type | | e.g. H121 & H121B | e.g. Ören HD-083, Belden H121T00 and BTC-1000/26 | CommScope Kabel e.g. F59 HEC-2VV | e.g. HD-103, WKL-KoaxLine & BTv+ BTC 1000/20CU | e.g. BKS1,1/4,8-90, BKS2050/30 |
| Type | | Compression | | | | |
| Installation | | Mounting only with compression tool, please find further information concerning compression tools within our tools catalogue | | | | |
| Frequency range [MHz] | | 0,3 – 3.000 MHz | | | | |
| Screening [dB] | 30 – 1.000 | > 105 Class A++ | > 105 Class A++ | > 105 Class A++ | > 105 Class A++ | > 105 Class A++ |
| Transfer impedance/item [mΩ] | 5 – 30 | < 0,68 | < 0,68 | < 0,1 | < 0,09 | < 0,68 |
| Impedance [Ω] | | 75 | | | | |
| Operating temperature range [°C] | | -40 – +70 | | | | |
| Return loss [dB] | 0,3 – 1.000 | > 32 | > 39 | > 30 | > 39 | > 35 |
| Order No. | | 54280316 | 54280321 | 54280335 | 54280341 | 54280346 |