

# TrueDrop connectors



**54280121**  
F-59-TD  
SELF INSTALL  
3,9 NI

**54280131**  
F-6-TD  
SELF INSTALL  
4,9 NI

**54280136**  
F-6-TD  
SELF INSTALL  
5,1 NI

**54280201**  
FM-MINI-TD  
QM 3,1  
W/O O-RING

**54280202**  
FM-MINI-TD  
QM 4,0  
W/O O-RING

**54280204**  
F-MINI-TD  
QM 4,0  
SHORT

**54280206**  
FM-MINI-TD  
QM 4,5  
W/O O-RING

**54280208**  
F-MINI-TD  
QM 4,5  
SHORT

**54280210**  
FM-MINI-TD  
QM 5,0  
W/O O-RING

**54280212**  
F-MINI-TD  
QM 5,0  
SHORT

**KLASSE A**  
CLASS

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.		<b>54280121</b>	<b>54280131</b>	<b>54280136</b>

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.		<b>54280201</b>	<b>54280202</b>	<b>54280204</b>	<b>54280206</b>	<b>54280208</b>	<b>54280210</b>	<b>54280212</b>

\* 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.		<b>54280214</b>	<b>54280220</b>	<b>54280221</b>	<b>54280222</b>

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	< 2,5	< 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.		<b>54280316</b>	<b>54280321</b>	<b>54280335</b>	<b>54280341</b>	<b>54280346</b>