

Item no.	99909903	Connector type	FM-MINI-TD QM 4.0 W/O O-RING
		For cable	Belden 1855A
Frequency Range	0.3 - 3000 MHz	Product photo	
Impedance (Nom.)	75 Ohm		
Amp. Rating (measured)	5.0 A @10°C increase		
(calculated)	7.0 A @20°C increase		
Transfer Impedance (CoMeT)	<6.5 mΩ/m @ 5-30MHz <0.27 mΩ/item @ 5-30MHz		
Screening Attenuation(CoMeT)	100 dB @ 30-1000MHz 85 dB @ 1000-3000MHz		
Return Loss (IEC 61169-1)	Better than Typical	Insertion Loss Max.	Better than Typical
0.3 - 500 MHz	-32 dB -35.4 dB	0.3 - 500 MHz	-0.07 dB -0.02 dB
500 - 860 MHz	-31 dB -34.2 dB	500 - 860 MHz	-0.08 dB -0.03 dB
860 - 1000 MHz	-31 dB -33.6 dB	860 - 1000 MHz	-0.08 dB -0.03 dB
1000 - 1750 MHz	-28 dB -30.6 dB	1000 - 1750 MHz	-0.09 dB -0.04 dB
1750 - 2150 MHz	-27 dB -30.1 dB	1750 - 2150 MHz	-0.10 dB -0.05 dB
2150 - 3000 MHz	-27 dB -30.1 dB	2150 - 3000 MHz	-0.12 dB -0.07 dB
Temperature		Intermodulation	IM3 IP3-value
Installing	-5° to +50° C	3rd Order (@2x100mW)	-120 dBc +80 dBm
Operating	-40° to +100° C	Inner Conductor Resistance	
Storing	-40° to +100° C	(@ 1 A DC)	<2.5 mΩ
Sealing Test (IEC IP-code)	-	Insulation Resistance	
		(@ 500 VDC)	>200 GΩ
O-rings	-	Dielectric Strength	
		DC Test Voltage	>2.0 KV
Base Material		Max. Tensile Strength	
Body Parts	Brass CuZn39Pb3	Overall	118 Kgf
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper		12 N
Plating		Torsional Strength	
Body Parts	Nitin-6	(Connector / Cable)	* NATM
Inner Conductor	Nitin-6 / Tin	Test performed by	Susanne Lindharth
Insulators	POM (Delrin)	Date of release	May 21, 2019
Remarks	* Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.		

Connector designed according to the standard IEC 61169-24 (type F)

All tests performed using instruments calibrated in accordance to our ISO 9001 certification.

Further technical specifications and installation instructions can be obtained on request.