


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	
Installing	-5° to +50° C		3rd Order (@2x100mW)	-120 dBc	
Operating	-40° to +70° C				
Storing	-40° to +70° C		Inner Conductor Resistance (@ 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 Overall	118 Kgf	
Body Parts	Brass CuZn39Pb3			12 N	
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper		Torsional Strength (Connector / Cable)	* NATM	
Plating			Test performed by	Susanne Lindharth	
Body Parts	Nitin-6		Approved by	Anders Balcer	
Inner Conductor	Nitin-6 / Tin		Date of release	May 31, 2023	
Insulators	POM (Delrin)				
Remarks	*				

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.