

Item no.		99909909		Connector type		F-MINI-TD QM 4.5 SHORT W/O-RING	
				For cable		Bedeia, Telass BG 0,6_2,8C CUF-PVC	
Frequency Range		0.3 - 3000 MHz		Product photo			
Impedance (Nom.)		75 Ohm					
Amp. Rating (measured)		Cable data					
(calculated)		Cable data					
Transfer Impedance (CoMeT)		Class A					
		<5.0 mΩ/m @ 5-30MHz					
		<0.11 mΩ/item @ 5-30MHz					
Screening Attenuation(CoMeT)		Class A					
		>85 dB @ 30-1000MHz					
		>75 dB @ 1000-2000MHz					
		>65 dB @ 2000-3000MHz					
Return Loss (IEC 61169-1)		Better than	Typical	Insertion Loss Max.		Better than	Typical
0.3 - 500 MHz		-37 dB	-42.7 dB	0.3 - 500 MHz		-0.08 dB	-0.03 dB
500 - 860 MHz		-35 dB	-38.9 dB	500 - 860 MHz		-0.08 dB	-0.03 dB
860 - 1000 MHz		-33 dB	-37.4 dB	860 - 1000 MHz		-0.08 dB	-0.03 dB
1000 - 1750 MHz		-28 dB	-31.7 dB	1000 - 1750 MHz		-0.08 dB	-0.03 dB
1750 - 2150 MHz		-25 dB	-28.4 dB	1750 - 2150 MHz		-0.08 dB	-0.03 dB
2150 - 3000 MHz		-18 dB	-22.9 dB	2150 - 3000 MHz		-0.18 dB	-0.13 dB
Temperature				Intermodulation		IM3	
Installing		-5° to +50° C		3rd Order (@2x+20dBm)		-130 dBc	
Operating		-40° to +70° C					
Storing		-40° to +70° C		Inner Conductor Resistance (@ 1 A DC)		Cable data	
Sealing Test (IEC IP-code)		IP X8 1 meter / 24 hours		Insulation Resistance (@ 500 VDC)		Cable data	
O-rings		EPDM		Dielectric Strength			
				DC Test Voltage		Cable data	
Base Material				Max. Tensile Strength			
Body Parts		Brass CuZn39Pb3		Overall		>10 Kgf	
Inner Conductor		Cable data				>98 N	
Plating				Torsional Strength (Connector / Cable)		* NATM	
Body Parts		Nitin-6					
Inner Conductor		Cable data					
Insulators		Cabel data		Test performed by		Søren B. Sørensen	
				Date of release		May 28, 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.