

Item no.	99909909
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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
Impedance (Nom.)	75 Ohm
Amp. Rating (measured)	Cable data
(calculated)	Cable data

Product photo



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

	Better than	Typical
	Return Loss (IEC 61169-1)	
0.3 - 500 MHz	-37 dB	-42.7 dB
500 - 860 MHz	-35 dB	-38.9 dB
860 - 1000 MHz	-33 dB	-37.4 dB
1000 - 1750 MHz	-28 dB	-31.7 dB
1750 - 2150 MHz	-25 dB	-28.4 dB
2150 - 3000 MHz	-18 dB	-22.9 dB

	Better than	Typical
	Insertion Loss Max.	
0.3 - 500 MHz	-0.08 dB	-0.03 dB
500 - 860 MHz	-0.08 dB	-0.03 dB
860 - 1000 MHz	-0.08 dB	-0.03 dB
1000 - 1750 MHz	-0.08 dB	-0.03 dB
1750 - 2150 MHz	-0.08 dB	-0.03 dB
2150 - 3000 MHz	-0.18 dB	-0.13 dB

Temperature	
Installing	-5° to +50° C
Operating	-40° to +70° C
Storing	-40° to +70° C

Intermodulation	IM3
3rd Order (@2x+20dBm)	-130 dBc

Inner Conductor Resistance (@ 1 A DC)	Cable data
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Sealing Test (IEC IP-code)	IP X8 1 meter / 24 hours
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Insulation Resistance (@ 500 VDC)	Cable data
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O-rings	EPDM
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Dielectric Strength DC Test Voltage	Cable data
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Base Material	
Body Parts	Brass CuZn39Pb3
Inner Conductor	Cable data

Max. Tensile Strength Overall	>10 Kgf
	>98 N

Plating	
Body Parts	Nitin-6
Inner Conductor	Cable data

Torsional Strength (Connector / Cable)	* NATM
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Insulators	Cabel data
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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.