


Item no.	99909904	Connector type	FM-MINI-TD QM 4.5 W/O O-RING
		For cable	Triax, KOKA 50 PVC
Frequency Range	0.3 - 3000 MHz	Product photo	
Impedance (Nom.)	75 Ohm		
Amp. Rating (measured)	7.0 A @10°C increase		
(calculated)	9.8 A @20°C increase		
Transfer Impedance (CoMeT)	Class C		
	<50 mΩ/m @ 5-30MHz		
	<1.40 mΩ/item @ 5-30MHz		
Screening Attenuation(CoMeT)	Class C		
	>75 dB @ 30-1000MHz		
	>65 dB @ 1000-2000MHz		
	>55 dB @ 2000-3000MHz		
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.
0.3 - 500 MHz	-30 dB	-35.3 dB	0.3 - 500 MHz
500 - 860 MHz	-30 dB	-34.6 dB	500 - 860 MHz
860 - 1000 MHz	-28 dB	-34.1 dB	860 - 1000 MHz
1000 - 1750 MHz	-25 dB	-31.3 dB	1000 - 1750 MHz
1750 - 2150 MHz	-25 dB	-29.9 dB	1750 - 2150 MHz
2150 - 3000 MHz	-23 dB	-25.9 dB	2150 - 3000 MHz
Temperature			Intermodulation
Installing	-5° to +50° C		3rd Order (@2x100mW)
Operating	-40° to +70° C		IM3
Storing	-40° to +70° C		-90 dBc
Sealing Test (IEC IP-code)			Inner Conductor Resistance (@ 1 A DC)
			<5.0 mΩ
O-rings			Insulation Resistance (@ 500 VDC)
			>200 GΩ
Base Material			Dielectric Strength
Body Parts	Brass CuZn39Pb3		DC Test Voltage
Inner Conductor	Beryllium copper		>2.0 KV
Plating			Max. Tensile Strength
Body Parts	Nitin-6		Overall
Inner Conductor	Nitin-6		>15 Kgf
			>147 N
Insulators	POM		Torsional Strength (Connector / Cable)
			* NATM
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.