


Item no.	99909558		Connector type	FM-RG11-CX3 QM 11.3	
			For cable	NK Cables Tellu 7	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ω				
Amp. Rating (measured)	5.0 A @10°C increase				
(calculated)	7.0 A @20°C increase				
Transfer Impedance (CoMeT)	Class A++				
	<0.9 mΩ/m @ 5-30MHz				
	<0.04 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A++				
	>135 dB @ 30-1000MHz				
	>135 dB @ 1000-2000MHz				
	>125 dB @ 2000-3000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-36 dB	-38.8 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-35 dB	-37.5 dB	500 - 860 MHz	-0.06 dB	-0.01 dB
860 - 1000 MHz	-34 dB	-36.9 dB	860 - 1000 MHz	-0.06 dB	-0.01 dB
1000 - 1750 MHz	-33 dB	-35.5 dB	1000 - 1750 MHz	-0.06 dB	-0.01 dB
1750 - 2150 MHz	-31 dB	-33.7 dB	1750 - 2150 MHz	-0.06 dB	-0.01 dB
2150 - 3000 MHz	-26 dB	-28.6 dB	2150 - 3000 MHz	-0.06 dB	-0.01 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x+37dBm)	-150 dBc	
Operating	-40° to +70° C		Inner Conductor Resistance	(<1.9 mΩ	
Storing	-40° to +70° C		(@ 1 A DC)		
Sealing Test			Insulation Resistance	(>200 GΩ	
(IEC IP-code)	IP X8 30 meter / 8 hours		(@ 500 VDC)		
O-rings	EPDM		Dielectric Strength	(>2.0 KV	
			DC Test Voltage		
Base Material			Max. Tensile Strength	102 Kgf	
Body Parts	Phos.Bronze / Brass CuZn39Pb3		Overall	1000 N	
Inner Conductor	Brass				
Plating			Torsional Strength	(* NATM	
Body Parts	Nitin-6		(Connector / Cable)		
Inner Conductor	Nitin-6		Test performed by	Sven-Erik Sandberg	
Insulators	PE		Date of release	June 19, 2014	

Remarks \* Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.

*All tests performed using instruments calibrated in accordance to our ISO 9001 certification. Further technical specifications and installation instructions can be obtained on request.*