


Item no.	99909538-02		Connector type	FM-RG11-CX3 QM 10.5	
			For cable	Draka Coax 6 AT 16 S FRNC-C	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ohm				
Amp. Rating (measured)	7.5 A @10°C increase				
(calculated)	10.6 A @20°C increase				
Transfer Impedance (CoMeT)	Class A+				
	<2.5 mΩ/m @ 5-30MHz				
	<0.09 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A++				
	>120 dB @ 30-1000MHz				
	>120 dB @ 1000-2000MHz				
	>120 dB @ 2000-3000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-32 dB	-34.9 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-31 dB	-34.1 dB	500 - 860 MHz	-0.06 dB	-0.01 dB
860 - 1000 MHz	-30 dB	-32.8 dB	860 - 1000 MHz	-0.06 dB	-0.01 dB
1000 - 1750 MHz	-27 dB	-29.6 dB	1000 - 1750 MHz	-0.07 dB	-0.02 dB
1750 - 2150 MHz	-24 dB	-26.7 dB	1750 - 2150 MHz	-0.08 dB	-0.03 dB
2150 - 3000 MHz	-18 dB	-21.2 dB	2150 - 3000 MHz	-0.10 dB	-0.05 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x+27dBm)	-154 dBc	
Operating	-40° to +70° C		Inner Conductor Resistance	(@ 1 A DC)	
Storing	-40° to +70° C			<1.9 mΩ	
Sealing Test			Insulation Resistance	(@ 500 VDC)	
(IEC IP-code)	IP X8 30 meter / 8 hours			>200 GΩ	
O-rings	EPDM		Dielectric Strength	DC Test Voltage	
				>3.0 KV	
Base Material			Max. Tensile Strength		
Body Parts	Phos.Bronze / Brass CuZn39Pb3		Overall	>45 Kgf	
Inner Conductor	Brass			>441 N	
Plating			Torsional Strength	(Connector / Cable)	
Body Parts	Nitin-6			* NATM	
Inner Conductor	Nitin-6		Test performed by	Sven-Erik Sandberg	
			Approved by		
Insulators	PE		Date of release	August 04, 2015	
Remarks	<p>* Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip. Tensile strength can be limited by the strength of the cable. Please refer to the cable data.</p> <p><i>Connector designed according to the standard All tests performed using instruments calibrated in accordance to our ISO 9001 certification. Further technical specifications and installation instructions can be obtained on request.</i></p>				