

Item no. **99909538-02**

Connector type **FM-RG11-CX3 QM 10.5**
For cable **Draka Coax6 AT 16 S FRNC-C**

Frequency Range **0.3 - 3000 MHz**
Impedance (Nom.) **75 Ohm**
Amp. Rating (measured) **7.5 A @10°C increase**
(calculated) **10.6 A @20°C increase**

Product photo



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

	Better than	Typical
	Return Loss (IEC 61169-1)	
0.3 - 500 MHz	-32 dB	-34.9 dB
500 - 860 MHz	-31 dB	-34.1 dB
860 - 1000 MHz	-30 dB	-32.8 dB
1000 - 1750 MHz	-27 dB	-29.6 dB
1750 - 2150 MHz	-24 dB	-26.7 dB
2150 - 3000 MHz	-18 dB	-21.2 dB

	Better than	Typical
	Insertion Loss Max.	
0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-0.06 dB	-0.01 dB
860 - 1000 MHz	-0.06 dB	-0.01 dB
1000 - 1750 MHz	-0.07 dB	-0.02 dB
1750 - 2150 MHz	-0.08 dB	-0.03 dB
2150 - 3000 MHz	-0.10 dB	-0.05 dB

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

Intermodulation **IM3**
3rd Order (@2x+27dBm) **-154 dBc**

Inner Conductor Resistance (@ 1 A DC) **<1.9 mΩ**

Sealing Test (IEC IP-code) **IP X8 30 meter / 8 hours**

Insulation Resistance (@ 500 VDC) **>200 GΩ**

O-rings **EPDM**

Dielectric Strength
DC Test Voltage **>3.0 KV**

Base Material
Body Parts **Phos.Bronze / Brass CuZn39Pb3**
Inner Conductor **Brass**

Max. Tensile Strength
Overall **>45 Kgf**
>441 N

Plating
Body Parts **Nitin-6**
Inner Conductor **Nitin-6**

Torsional Strength (Connector / Cable) *** NATM**

Insulators **PE**

Test performed by **Sven-Erik Sandberg**
Date of release **August 04, 2015**

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.