

Item no. 99909538-01

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

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	5,0 A @10°C increase
	(calculated) 7,0 A @20°C increase
Transfer Impedance (CoMeT)	<2,5 mΩ/m @ 5-30MHz
	<0,1 mΩ/item @ 5-30MHz
Shielding Effectiveness (CoMeT)	130 dB @ 30-1000MHz
	130 dB @ 1000-3000MHz

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



Return Loss (IEC 61169-1)
(Rhode und Schwarz ZVB-8)

0.3 - 500 MHz
500 - 860 MHz
860 - 1000 MHz
1000 - 1750 MHz
1750 - 2150 MHz
2150 - 3000 MHz

	Better than	Typical
0.3 - 500 MHz	-35 dB	-38,2 dB
500 - 860 MHz	-31 dB	-33,6 dB
860 - 1000 MHz	-29 dB	-32,3 dB
1000 - 1750 MHz	-28 dB	-29,2 dB
1750 - 2150 MHz	-25 dB	-28,0 dB
2150 - 3000 MHz	-24 dB	-26,5 dB

Insertion Loss Max.

0.3 - 500 MHz
500 - 860 MHz
860 - 1000 MHz
1000 - 1750 MHz
1750 - 2150 MHz
2150 - 3000 MHz

	Better than	Typical
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	-0,06 dB	-0,01 dB
1750 - 2150 MHz	-0,06 dB	-0,01 dB
2150 - 3000 MHz	-0,06 dB	-0,01 dB

Temperature

Installing
Operating
Storing

-5° to +50° C
-40° to +70° C
-40° to +70° C

Intermodulation

3rd Order (@2*200mW)

IM3	IP3-value
-117 dBc	+93 dBm

Inner Conductor Resistance

(@ 1 A DC)

1,3 mΩ

Sealing Test

(IEC IP-code)

IP X8 1 meter / 24 hours

Insulation Resistance

(@ 500 VDC)

>200 GΩ

O-rings

EPDM

Dielectric Strength

DC Test Voltage

3,0 KV

Base Material

Body Parts
Inner Conductor

Phos.Bronze / Brass CuZn39Pb3
Brass

Max. Tensile Strength

Overall

450 N
45,9 Kgf

Plating

Body Parts
Inner Conductor

Nitin-6
Nitin-6

Torsional Strength

(Connector / Cable)

450 Nm

Insulators

PE

Test performed by

Date of release

Sven-Erik Sandberg
November 11, 2010

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor: