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Datasheet

Item no.	99909541-01
Connector type	BNCM-RG11-CX3 QM 10.5
For cable	CAE Group HD 16720

Frequency Range		0.3 - 3000 MHz
Impedance (Nom.)		75 Ω
Amp. Rating	(measured)	5.5 A @10°C increase
	(calculated)	7.7 A @20°C increase

Product photo

Transfer Impedance (CoMeT)	Class A
	<5.0 mΩ/m @ 5-30MHz
	<0.3 mΩ/item @ 5-30MHz
Screening Attenuation(CoMeT)	Class A
	90 dB @ 30-1000MHz
	85 dB @ 1000-3000MHz

Return Loss	Better than	Typical
0.3 - 500 MHz	-28 dB	-31.2 dB
500 - 860 MHz	-25 dB	-27.5 dB
860 - 1000 MHz	-24 dB	-26.9 dB
1000 - 1750 MHz	-22 dB	-25.3 dB
1750 - 2150 MHz	-22 dB	-25.3 dB
2150 - 3000 MHz	-22 dB	-25.3 dB

Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-0.08 dB	-0.03 dB
500 - 860 MHz	-0.09 dB	-0.04 dB
860 - 1000 MHz	-0.10 dB	-0.05 dB
1000 - 1750 MHz	-0.12 dB	-0.07 dB
1750 - 2150 MHz	-0.12 dB	-0.07 dB
2150 - 3000 MHz	-0.13 dB	-0.08 dB

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

Intermodulation	IM3	IP3-value
3rd Order (@2x200mW)	-135 dBc	90 dBm

Inner Conductor Resistance (@ 1 A DC)	0.8 mΩ
Sealing Test (IEC IP-code)	IP X8 1 meter / 24 hours
Insulation Resistance (@ 500 VDC)	>200 GΩ
Dielectric Strength DC Test Voltage	3.0 KV
O-rings	EPDM
Base Material	
Body Parts	Brass CuZn39Pb3 / PE HD
Inner Conductor	Brass CuZn36Pb3
Max. Tensile Strength Overall	50 Kgf / 491 N
Plating	
Body Parts	Nitin-6 / Nickel
Inner Conductor	Nitin-6
Torsional Strength (Connector / Cable)	* NATM
Insulators	POM
Test performed by	Sven-Erik Sandberg
Date of release	January 08, 2013

Remarks * Not Able To Measure(NATM): Can not be rotated by hand.

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

ISO 9001:2008 / ISO 14001 certified

Distributor:

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