CORNING | Cabelcon

Datasheet

Item no.	99909553
Connector type	F SC-56-CX3 5.1 SHORT
For cable	Draka Coax 9 AD 11 S

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	Cable data
(calculated)	Cable data

Product photo

Transfer Impedance (CoMeT)	Class A
	<5.0 mΩ/m @ 5-30MHz
	<0.13 mΩ/item @ 5-30MHz
Screening Attenuation(CoMeT)	Class A+
	>100 dB @ 30-1000MHz
	>90 dB @ 1000-3000MHz

Return Loss (IEC 61169-1)	Better than	Typical
0.3 - 500 MHz	-36 dB	-38.8 dB
500 - 860 MHz	-36 dB	-38.8 dB
860 - 1000 MHz	-36 dB	-38.8 dB
1000 - 1750 MHz	-36 dB	-38.8 dB
1750 - 2150 MHz	-36 dB	-38.8 dB
2150 - 3000 MHz	-31 dB	-34.3 dB

Insertion Loss Max.	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	-0.07 dB	-0.02 dB
2150 - 3000 MHz	-0.07 dB	-0.02 dB

Temperature	
Installing	-5° to +50° C
Operating	-40° to +100° C
Storing	-40° to +100° C

Intermodulation	IM3	IP3-value
3rd Order (@2x0,5W)	-150 dBc	+102 dBm

Inner Conductor Resistance (@ 1 A DC)	Cable data
Insulation Resistance (@ 500 VDC)	Cable data
Dielectric Strength DC Test Voltage	Cable data

Sealing Test (IEC IP-code)	**
O-rings	-

Base Material	
Body Parts	Brass CuZn39Pb3 / POM / CuBe2
Inner Conductor	Cable data
Plating	
Body Parts	Nitin-6
Inner Conductor	Cable data
Insulators	Cabel data

Max. Tensile Strength	
Overall	30.6 Kgf
	300 N
Torsional Strength (Connector / Cable)	* NATM
Test performed by	Sven-Erik Sandberg
Date	April 16, 2013

Remarks

* Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.
** Sealing: IP X8 1 Meter / 24 Hours with Item nr. 99900902 (SEAL RING 1/2" FOR F CONN)

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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