

Item no. 99939446-01

Connector type F-56-CX3 B 5.1 SHORT
For cable Draka Coax9 AD 11 S

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	Cable data
(calculated)	Cable data
Transfer Impedance (CoMeT)	<5,0 mΩ/m @ 5-30MHz
	<0,1 mΩ/con. @ 5-30MHz
Shielding Effectiveness (CoMeT)	>120 dB @ 30-1000MHz
	>110 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	-39 dB	-42,4 dB
500 - 860 MHz	-38 dB	-40,4 dB
860 - 1000 MHz	-36 dB	-38,9 dB
1000 - 1750 MHz	-30 dB	-33,2 dB
1750 - 2150 MHz	-29 dB	-32,4 dB
2150 - 3000 MHz	-27 dB	-29,9 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

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

Intermodulation

3rd Order (@2x200mW)

IM3	IP3-value
-150 dBc	+98 dBm

Inner Conductor Resistance

(@ 1 A DC)

Cable data

Sealing Test

(IEC IP-code)

* see remarks

Insulation Resistance

(@ 500 VDC)

Cable data

O-rings

EPDM

Dielectric Strength

DC Test Voltage

Cable data

Base Material

Body Parts

Brass CuZn39Pb3 / POM (Delrin)

Inner Conductor

Cable data

Max. Tensile Strength

Overall

294 N
30 Kgf

Plating

Body Parts

Nitin-6

Inner Conductor

Cable data

Torsional Strength

(Connector / Cable)

** NATM

Insulators

Cable data

Test performed by

Troels V. Kristensen

Date of release

February 14, 2011

Remarks

* 1meter / 24 hours with SEAL RING 1/2" FOR F CONN (99900902)

** Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.

ISO 9001:2008 / ISO 14001 certified

Distributor:

CABELCON
connectors

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Form 041 rev 8