

Item no.	99909647-01	Connector type	F-56 4.9 W SELF INSTALL NITIN
			WITH O-RING
		For cable	Draka Coax10 AD 10S

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	Cable data
(calculated)	Cable data
Transfer Impedance (CoMeT)	4,75 mΩ/m @ 5-30MHz
	0,10 mΩ/item @ 5-30MHz
Shielding Effectiveness (CoMeT)	>135 dB @ 30-1000MHz
	>113 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)

	Better than	Typical
0.3 - 500 MHz	-46 dB	-49 dB
500 - 860 MHz	-44 dB	-47 dB
860 - 1000 MHz	-43 dB	-46 dB
1000 - 1750 MHz	-42 dB	-45 dB
1750 - 2150 MHz	-41 dB	-44 dB
2150 - 3000 MHz	-35 dB	-38 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	-0,07 dB	-0,02 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 +70° C
Storing	-40° to +70° C

Intermodulation

	IM3	IP3-value
3rd Order (@2x100mW)	<-140 dBc	>+90 dBm

Inner Conductor Resistance

(@ 1 A DC)	Cable data
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Sealing Test

(IEC IP-code)	see remarks
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Insulation Resistance

(@ 500 VDC)	Cable data
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O-rings

NBR

Dielectric Strength

DC Test Voltage	Cable data
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Base Material

Body Parts	Brass CuZn39Pb3 / CuZn36Pb3 / POM
Inner Conductor	-

Max. Tensile Strength

Overall	250 N
	25,5 Kgf

Plating

Body Parts	Nitin-6
Inner Conductor	-

Torsional Strength

(Connector / Cable)	N/A
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Insulators

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Test performed by

Søren B. Sørensen

Date of release

September 29, 2009

Remarks

Sealing: IP X8 1 Meter / 24 Hours with Item nr. 99900902 (SEAL RING 1/2" FOR F CONN)

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

Corning Cabelcon ApS, Industriparken 10, DK 4760 Vordingborg
Tel: +45 55 98 55 99 · Fax: + 45 55 98 55 04
E-mail: cabelcon@cabelcon.dk · www.cabelcon.dk