

DATA SHEET

Item no. 99909646

Connector type F-56 3.9 SELF INSTALL
For cable Draka 0,8/3,7 AFB 80%

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	Cable data
(calculated)	Cable data
Transfer Impedance (CoMeT)	<0,9 mΩ/m @ 5-30MHz
	<0,02 mΩ/item @ 5-30MHz
Shielding Effectiveness (CoMeT)	>110 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)

	Better than	Typical
0.3 - 500 MHz	-38 dB	-41,0 dB
500 - 860 MHz	-38 dB	-41,0 dB
860 - 1000 MHz	-38 dB	-41,0 dB
1000 - 1750 MHz	-38 dB	-41,0 dB
1750 - 2150 MHz	-37 dB	-40,0 dB
2150 - 3000 MHz	-36 dB	-38,7 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	-0,06 dB	-0,01 dB
2150 - 3000 MHz	-0,06 dB	-0,01 dB

Temperature

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

Intermodulation

3rd Order (@2x100mW)	IM3	IP3-value
	-145 dBc	+92 dBm

Inner Conductor Resistance

@ 1 A DC	Cable data
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Sealing Test

(IEC IP-code)	-
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Insulation Resistance

@ 500 VDC	Cable data
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O-rings

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Dielectric Strength

DC Test Voltage	Cable data
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Base Material

Body Parts	Brass CuZn39Pb3 / POM(Acetal)
Inner Conductor	Cable data

Max. Tensile Strength

Overall	28 Kg.
	275 Newton

Plating

Body Parts	Nitin-6
Inner Conductor	Cable data

Torsional Strength

(Connector / Cable)	* NATM
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Insulators

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Test performed by

Sven-Erik Sandberg

Date of release

February 01, 2010

Remarks

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

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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