

DATA SHEET

Item no.

Connector type
 For cable

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating	3 A
Transfer Impedance (CoMeT)	<5 mΩ/m @ 5-30MHz
	0,2 mΩ/con. @ 5-30MHz
Shielding Effectiveness (CoMeT)	98 dB @ 30-862MHz



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 169.1.1)
 (RF Analyzer HP 8719D / 8714C)

	Better than	Typical
0.3 - 500 MHz	-24 dB	-27,2 dB
500 - 860 MHz	-20 dB	-22,5 dB
860 - 1000 MHz	-19 dB	-21,2 dB
1000 - 1750 MHz	-14 dB	-17,5 dB
1750 - 2150 MHz	-13 dB	-16,5 dB
2150 - 3000 MHz	-12 dB	15,9 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,07 dB	-0,03 dB
500 - 860 MHz	-0,10 dB	-0,06 dB
860 - 1000 MHz	-0,12 dB	-0,08 dB
1000 - 1750 MHz	-0,16 dB	-0,12 dB
1750 - 2150 MHz	-0,17 dB	-0,13 dB
2150 - 3000 MHz	-0,21 dB	-0,17 dB

Temperature

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

Intermodulation

3rd Order Product (@ 2x 100mW)	IM3	IP3-value
	125 dBc	92 dBm

Insulation Resistance (@ 500 V)

>200 GΩ

Inner Conductor

Resistance max. @ 1 A DC	1,4 mΩ
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Max. Tensile Strength Overall

220 N

Base Material

Body Parts	Brass CuZn39Pb3
Inner Conductor	Tin Bronze / Beryllium copper

Plating

Body Parts	Nitin-6
Inner Conductor	Nitin-6

Dielectric Strength

AC Test Voltage	2,0 KV
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O-rings

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Test performed by

Sven-Erik Sandberg

Insulators

Delrin

Date of release

May 25, 2012

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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