

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	IM3	IP3-value
3rd Order Product (@ ...)	125 dBc	92 dBm

Insulation Resistance (@ 500 V)	>200 GΩ
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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	Tin Bronze / Beryllium copper

Dielectric Strength AC Test Voltage	2,0 KV
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Plating	
Body Parts	Nitin-6
Inner	Nitin-6

O-rings	
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Test performed by	Sven-Erik Sandberg
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Insulators	Delrin
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Date of release	May 25, 2012
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Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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