

# DATA SHEET

Item no.

Adapter type

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (@10°C increase)	10 A
Transfer Impedance (CoMeT)	<0,80 mΩ/m @ 5-30MHz
	<0,02 mΩ/con. @ 5-30MHz
Shielding Effectiveness(CoMeT)	130 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 8714C)

	Better than	Typical
0.3 - 500 MHz	-30 dB	-33,1 dB
500 - 860 MHz	-25 dB	-27,6 dB
860 - 1000 MHz	-24 dB	-27,3 dB
1000 - 1750 MHz	-19 dB	-21,3 dB
1750 - 2150 MHz	-17 dB	-19,8 dB
2150 - 3000 MHz	-17 dB	-19,8 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,08 dB	-0,05 dB
500 - 860 MHz	-0,11 dB	-0,07 dB
860 - 1000 MHz	-0,13 dB	-0,08 dB
1000 - 1750 MHz	-0,18 dB	-0,13 dB
1750 - 2150 MHz	-0,19 dB	-0,14 dB
2150 - 3000 MHz	-0,22 dB	-0,17 dB

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

Intermodulation 3rd Order (@2x+30dBm)	IM3 160 dBc	IP3-value +110 dBm
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Insulation Resistance (@ 500 V)	> 200 GΩ
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Sealing Test (IEC IP-code)	IP X8 30 meter / 8 hours
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Inner Conductor Resistance (@ 1 A DC)	< 1,0 mΩ
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Max. Tensile Strength Overall	-
Inner Conductor	-

Base Material	
Body Parts	Brass CuZn39Pb3
Inner Conductor	Brass CuZn39Pb3

Dielectric Strength DC Test Voltage	4,0 KV
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Plating	
Body Parts	Nitin-6
Inner Conductor	Nitin-6

O-rings	EPDM
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Test performed by	Troels V. Kristensen
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Insulators	POM (Delrin)
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Date of release	March 04, 2005
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Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

**CABELCON**  
connectors