

Item no.

Adapter type

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	3,0 A @10°C increase
	(calculated) 4,2 A @20°C increase
Transfer Impedance (CoMeT)	5,0 mΩ/m @ 5-30MHz
	0,2 mΩ/item @ 5-30MHz
Shielding Effectiveness (CoMeT)	85 dB @ 30-1000MHz
	85 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)
(RF Analyzer HP 8714C)

	Better than	Typical
0.3 - 500 MHz	-42 dB	-45,0 dB
500 - 860 MHz	-38 dB	-40,6 dB
860 - 1000 MHz	-37 dB	-39,4 dB
1000 - 1750 MHz	-33 dB	-36,2 dB
1750 - 2150 MHz	-32 dB	-34,6 dB
2150 - 3000 MHz	-28 dB	-30,6 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	-0,09 dB	-0,04 dB

Temperature

Installing	-5° to +50° C
Operating	-40° to +70° C
Storing	-40° to +70° C

Intermodulation

3rd Order (@2x100mW)	IM3 -150 dBc	IP3-value +95 dBm
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Inner Conductor Resistance

(@ 1 A DC)	2 mΩ
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Sealing Test

(IEC IP-code)	-
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Insulation Resistance

(@ 500 VDC)	200 GΩ
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O-rings

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Dielectric Strength

DC Test Voltage	3 KV
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Base Material

Body Parts	Brass CuZn39Pb3 / SWPA
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper

Max. Tensile Strength

Overall	-
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Plating

Body Parts	Nitin-6
Inner Conductor	Nitin-6 / Tin

Torsional Strength

(Connector / Cable)	-
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Insulators

PE / PTFE (Teflon)

Test performed by

Troels V. Kristensen

Date of release

February 10, 2010

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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