

Item no.

Adapter type

<b>Frequency Range</b>	0.3 - 3000 MHz
<b>Impedance</b> (Nom.)	75 Ω
<b>Amp. Rating</b> (measured)	3,0 A @10°C increase
	(calculated) 4,2 A @20°C increase
<b>Transfer Impedance</b> (CoMeT)	5,0 mΩ/m @ 5-30MHz
	0,2 mΩ/item @ 5-30MHz
<b>Shielding Effectiveness</b> (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)	<b>IM3</b> -150 dBc	<b>IP3-value</b> +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)
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**Test performed by**

Troels V. Kristensen
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**Date of release**

February 10, 2010
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**Remarks**

ISO 9001:2000 / ISO 14001 certified

Distributor:

**CABELCON**  
connectors

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