

Item no.  Connector type

<b>Frequency Range</b>	0.3 - 3000 MHz
<b>Impedance</b> (Nom.)	75 Ω
<b>Amp. Rating</b> (measured)	9,0 A @10°C increase
	(calculated) 12,7 A @20°C increase
<b>Transfer Impedance</b> (CoMeT)	<0,9 mΩ/m @ 5-30MHz
	<0,06 mΩ/item @ 5-30MHz
<b>Shielding Effectiveness</b> (CoMeT)	>140 dB @ 30-1000MHz
	>130 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)  
(Rhode und Schwarz ZVB-8)

	Better than	Typical
0.3 - 500 MHz	-31 dB	-34,2 dB
500 - 860 MHz	-23 dB	-26,4 dB
860 - 1000 MHz	-23 dB	-26,4 dB
1000 - 1750 MHz	-15 dB	-17,9 dB
1750 - 2150 MHz	-15 dB	-17,7 dB
2150 - 3000 MHz	-15 dB	-17,7 dB

**Insertion Loss Max.**

	Better than	Typical
0.3 - 500 MHz	-0,07 dB	-0,02 dB
500 - 860 MHz	-0,09 dB	-0,04 dB
860 - 1000 MHz	-0,09 dB	-0,04 dB
1000 - 1750 MHz	-0,13 dB	-0,08 dB
1750 - 2150 MHz	-0,16 dB	-0,11 dB
2150 - 3000 MHz	-0,16 dB	-0,11 dB

**Temperature**

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

**Intermodulation**

3rd Order (@2x+43dBm)	<b>IM3</b> -170 dBc	<b>IP3-value</b> +128 dBm
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**Inner Conductor Resistance**

(@ 1 A DC)	<1,2 mΩ
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**Sealing Test**

(IEC IP-code)	IP X8 30 meter / 8 hours
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**Insulation Resistance**

(@ 500 VDC)	>200 GΩ
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**O-rings**

EPDM
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**Dielectric Strength**

DC Test Voltage	>6,0 KV
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**Base Material**

Body Parts	Brass CuZn39Pb3
Inner Conductor	Brass CuZn39Pb3 / Tin Bronze BZ4

**Plating**

Body Parts	Nitin-6
Inner Conductor	Nitin-6

**Insulators**

PE
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**Test performed by**

Sven-Erik Sandberg
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**Date of release**

January 06, 2011
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**Remarks**

ISO 9001:2000 / ISO 14001 certified

Distributor: