

Item no. Connector type

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	9,0 A @10°C increase
(calculated)	12,7 A @20°C increase
Transfer Impedance (CoMeT)	<0,9 mΩ/m @ 5-30MHz
	<0,06 mΩ/item @ 5-30MHz
Shielding Effectiveness (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)	IM3	IP3-value
	-170 dBc	+128 dBm

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

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

Test performed by

Sven-Erik Sandberg

Date of release

January 06, 2011

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor: