

Item no. Connector type

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (@10°C increase)	5 A
Transfer Impedance (CoMeT)	<0,9 mΩ/m @ 5-30MHz
	<0,1 mΩ/item @ 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
(RF Analyzer HP 8714C)

0.3 - 500 MHz
500 - 860 MHz
860 - 1000 MHz
1000 - 1750 MHz
1750 - 2150 MHz
2150 - 3000 MHz

	Better than	Typical
0.3 - 500 MHz	-38 dB	-41,0 dB
500 - 860 MHz	-30 dB	-33,3 dB
860 - 1000 MHz	-28 dB	-31,5 dB
1000 - 1750 MHz	-23 dB	-26,1 dB
1750 - 2150 MHz	-23 dB	-26,0 dB
2150 - 3000 MHz	-15 dB	-18,1 dB

Insertion Loss Max.

0.3 - 500 MHz
500 - 860 MHz
860 - 1000 MHz
1000 - 1750 MHz
1750 - 2150 MHz
2150 - 3000 MHz

	Better than	Typical
0.3 - 500 MHz	-0,13 dB	-0,08 dB
500 - 860 MHz	-0,17 dB	-0,12 dB
860 - 1000 MHz	-0,18 dB	-0,13 dB
1000 - 1750 MHz	-0,24 dB	-0,19 dB
1750 - 2150 MHz	-0,26 dB	-0,21 dB
2150 - 3000 MHz	-0,38 dB	-0,33 dB

Temperature

Installing
Operating
Storing

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

Intermodulation

3rd Order (@2x100mW)

IM3	IP3-value
152 dBc	96 dBm

Insulation Resistance

(@ 500 V)

200 GΩ

Sealing Test

(IEC IP-code)

IP X8 30 meter / 8 hours

Inner Conductor Resistance

(@ 1 A DC)

1,3 mΩ

Base Material

Body Parts
Inner Conductor

Brass CuZn39Pb3
Brass CuZn39Pb3

Plating

Body Parts
Inner Conductor

Nitin-6
Nitin-6

Dielectric Strength

DC Test Voltage

4,2 KV

O-rings

EPDM

Test performed by

Florian Lütcher

Insulators

PE

Date of release

June 24, 2005

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

