

Frequency Range

Impedance (Nom.)

Amp. Rating (measured)
 (calculated)

Transfer Impedance (CoMeT)

Shielding Effectiveness(CoMeT)

0.3 - 3000 MHz
75 Ω
4,5 A @10°C increase
6,3 A @20°C increase
<0,90 mΩ/m @ 5-30MHz
<0,03 mΩ/item @ 5-30MHz
>140 dB @ 30-1000MHz
>120 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)

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

Better than **Typical**

-43 dB	-45,0 dB
-40 dB	-43,0 dB
-39 dB	-42,3 dB
-31 dB	-33,5 dB
-29 dB	-31,1 dB
-23 dB	-25,0 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**

-0,07 dB	-0,02 dB
-0,07 dB	-0,02 dB
-0,07 dB	-0,02 dB
-0,08 dB	-0,03 dB
-0,09 dB	-0,04 dB
-0,10 dB	-0,05 dB

Temperature

Installing
 Operating
 Storing

-5° to +50° C
-40° to +70° C
-40° to +70° C

Sealing Test

(IEC IP-code)

IP X8 30 meter / 8 hours

O-rings

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Intermodulation

3rd Order (@2x1 W)

IM3	IP3-value
-155 dBc	+107 dBm

Inner Conductor Resistance

(@ 1 A DC)

5 mΩ

Insulation Resistance

(@ 500 VDC)

> 200 GΩ

Dielectric Strength

DC Test Voltage

3 KV

Base Material

Body Parts

Brass CuZn39Pb3

Inner Conductor

Beryllium copper

Plating

Body Parts

Nitin-6

Inner Conductor

Nitin-6

Insulators

PE

Max. Tensile Strength

Overall

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Torsional Strength

(Connector / Cable)

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