

Item no.

Frequency Range
Impedance (Nom.)

0.3 - 3000 MHz
75 Ω
Cable data
Cable data
<2,5 mΩ/m @ 5-30MHz
<0,1 mΩ/con. @ 5-30MHz
>130 dB @ 30-1000MHz
>120 dB @ 1000-3000MHz

(calculated)

Transfer Impedance (CoMeT)

Shielding Effectiveness(CoMeT)

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	-33 dB	-35,6 dB
500 - 860 MHz	-31 dB	-34,3 dB
860 - 1000 MHz	-30 dB	-33,3 dB
1000 - 1750 MHz	-29 dB	-31,9 dB
1750 - 2150 MHz	-29 dB	-31,7 dB
2150 - 3000 MHz	-29 dB	-31,7 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,06 dB	-0,01 dB
500 - 860 MHz	-0,07 dB	-0,02 dB
860 - 1000 MHz	-0,07 dB	-0,02 dB
1000 - 1750 MHz	-0,07 dB	-0,02 dB
1750 - 2150 MHz	-0,07 dB	-0,02 dB
2150 - 3000 MHz	-0,08 dB	-0,03 dB

Temperature

Installing	-5° to +50° C
Operating	-40° to +100° C
Storing	-40° to +100° C

Intermodulation
3rd Order (@2x100mW)

IM3	IP3-value
<-145 dBc	>+92 dBm

Inner Conductor Resistance
(@ 1 A DC)

Sealing Test
(IEC IP-code)

Insulation Resistance
(@ 500 VDC)

O-rings

Dielectric Strength
DC Test Voltage

Base Material

Body Parts

Inner Conductor

Max. Tensile Strength
Overall

Plating

Body Parts

Inner Conductor

Torsional Strength
(Connector / Cable)

Insulators

Test performed by
Date of release

Remarks

* Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.