

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	14.0 A @10°C increase
(calculated)	19.7 A @20°C increase



Transfer Impedance (CoMeT)	Class A+
	<0.9 m Ω /m @ 5-30MHz
	<0.07 m Ω /item @ 5-30MHz
Screening Attenuation(CoMeT)	Class A++
	>100 dB @ 30-1000MHz
	>95 dB @ 1000-3000MHz

Return Loss (IEC 61169-1)	Better than	Typical
0.3 - 500 MHz	-36 dB	-38.6 dB
500 - 860 MHz	-33 dB	-36.2 dB
860 - 1000 MHz	-33 dB	-36.0 dB
1000 - 1750 MHz	-32 dB	-34.8 dB
1750 - 2150 MHz	-32 dB	-34.8 dB
2150 - 3000 MHz	-32 dB	-34.8 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	-0.12 dB	-0.07 dB
1750 - 2150 MHz	-0.15 dB	-0.10 dB
2150 - 3000 MHz	-0.23 dB	-0.18 dB

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

Sealing Test (IEC IP-code)	IP X8 30 meter / 8 hours
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O-rings	EPDM
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Base Material

Body Parts	Brass CuZn39Pb3
Inner Conductor	Brass CuZn39Pb3

Plating

Body Parts	Nitin-6
Inner Conductor	Nitin-6

Insulators

COC (Topas) / PP with Glass

Intermodulation

IM3

3rd Order (@2x+30dBm)	-128 dBc
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Inner Conductor Resistance

(@ 1 A DC)	0.7 mΩ
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Insulation Resistance

(@ 500 VDC)	>200 GΩ
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Dielectric Strength

DC Test Voltage	>3.0 KV
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Max. Tensile Strength

Overall	>500 N
Inner Conductor	>250 N

Torsional Strength

(Connector / Cable)	* NATM
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Test performed by

Sven-Erik Sandberg

Date of release

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