

Item no.

Connector type
 For cable

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	Cable data
(calculated)	Cable data
Transfer Impedance (CoMeT)	6,7 mΩ/m @ 5-30MHz
	0,14 mΩ/item @ 5-30MHz
Shielding Effectiveness (CoMeT)	91 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 (IEC 61169-1)
(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
	-39 dB	-41,7 dB
	-36 dB	-38,9 dB
	-35 dB	-38,4 dB
	-30 dB	-33,2 dB
	-27 dB	-30,0 dB
	-26 dB	-29,1 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
	-0,06 dB	-0,01 dB
	-0,07 dB	-0,02 dB
	-0,08 dB	-0,03 dB
	-0,12 dB	-0,07 dB
	-0,13 dB	-0,08 dB
	-0,13 dB	-0,08 dB

Temperature

Installing
 Operating
 Storing

-5° to +50° C
-40° to +100° C
-40° to +100° C

Intermodulation

3rd Order (@2x100mW)

IM3	IP3-value
-125 dBc	+92 dBm

Inner Conductor Resistance

(@ 1 A DC)

Cable data

Sealing Test

(IEC IP-code)

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Insulation Resistance

(@ 500 VDC)

Cable data

O-rings

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Dielectric Strength

DC Test Voltage

3 KV

Base Material

Body Parts
 Inner Conductor

Brass CuZn39Pb3 / Brass CuZn36Pb3
Cable data

Max. Tensile Strength

Overall

250 N

Plating

Body Parts
 Inner Conductor

Nitin-6
Cable data

Torsional Strength

(Connector / Cable)

* NATM

Insulators

-

Test performed by

Sven-Erik Sandberg

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Remarks

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



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