



## Technical Specifications

Frequency Range	0.3 - 3000 MHz				
Impedance (Nom.)	75 Ohm				
Amp. Rating (measured)	20.5 A @10°C increase				
(calculated)	28.9 A @20°C increase				
Transfer Impedance (CoMeT)	Class A+				
	<0.9 mΩ/m @ 5-30MHz				
	<0.3 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A++				
	>125 dB @ 30-1000MHz				
	>115 dB @ 1000-2000MHz				
	>105 dB @ 2000-3000MHz				
<b>Return Loss (IEC 61169-1)</b>	<b>Better than</b>	<b>Typical</b>	<b>Insertion Loss Max.</b>	<b>Better than</b>	<b>Typical</b>
0.3 - 500 MHz	-41 dB	-44.2 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-39 dB	-42.3 dB	500 - 860 MHz	-0.07 dB	-0.02 dB
860 - 1000 MHz	-39 dB	-42.3 dB	860 - 1000 MHz	-0.07 dB	-0.02 dB
1000 - 1750 MHz	-22 dB	-25.1 dB	1000 - 1750 MHz	-0.09 dB	-0.04 dB
1750 - 2150 MHz	-19 dB	-22.3 dB	1750 - 2150 MHz	-0.11 dB	-0.06 dB
2150 - 3000 MHz	-19 dB	-22.3 dB	2150 - 3000 MHz	-0.16 dB	-0.11 dB
<b>Temperature</b>			<b>Intermodulation</b>	<b>IM3</b>	
Installing	-5° to +50° C		3rd Order (@2x+27dBm)	-163 dBc	
Operating	-40° to +70° C				
Storing	-40° to +70° C		<b>Inner Conductor Resistance</b>		
			(@ 1 A DC)	<0,5 mΩ	
<b>Sealing Test</b>			<b>Insulation Resistance</b>		
(IEC IP-code)	IP X8 30 meter / 8 hours		(@ 500 VDC)	>200 GΩ	
			<b>Dielectric Strength</b>		
O-rings	EPDM		DC Test Voltage	>3.5 KV	
Base Material			Max. Tensile Strength		
Body Parts	Brass CuZn39Pb3		Overall	>1962 N	
Inner Conductor	Brass CuZn39Pb3			>300 N	
Plating			Torsional Strength		
Body Parts	Nitin-6		(Connector / Cable)	>7.0 Nm	
Inner Conductor	Nitin-6		Test performed by	Søren B. Sørensen	
Insulators	PP with Glass / COC (Topas)		Date of release	April 02, 2014	

Remarks \* All tests performed using instruments calibrated in accordance to our ISO 9001 certification. Further technical specifications and installation instructions can be obtained on request.



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