



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				
	<0.09 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A++				
	>135 dB @ 30-1000MHz				
	>130 dB @ 1000-2000MHz				
	>125 dB @ 2000-3000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-30 dB	-33.2 dB	0.3 - 500 MHz	-0.12 dB	-0.07 dB
500 - 860 MHz	-26 dB	-29.4 dB	500 - 860 MHz	-0.20 dB	-0.15 dB
860 - 1000 MHz	-26 dB	-28.6 dB	860 - 1000 MHz	-0.24 dB	-0.19 dB
1000 - 1750 MHz	-22 dB	-25.3 dB	1000 - 1750 MHz	-0.60 dB	-0.55 dB
1750 - 2150 MHz	-20 dB	-22.4 dB	1750 - 2150 MHz	-0.65 dB	-0.60 dB
2150 - 3000 MHz	-16 dB	-18.5 dB	2150 - 3000 MHz	-0.68 dB	-0.63 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x+27dBm)	-155 dBc	
Operating	-40° to +70° C				
Storing	-40° to +70° C		Inner Conductor Resistance		
			(@ 1 A DC)	<0,7 mΩ	
Sealing Test			Insulation Resistance		
(IEC IP-code)	IP X8 30 meter / 8 hours		(@ 500 VDC)	>200 GΩ	
			Dielectric Strength		
O-rings	EPDM		DC Test Voltage	>3.5 KV	
Base Material			Max. Tensile Strength		
Body Parts	Brass CuZn39Pb3		Overall	>933 N	
Inner Conductor	Brass CuZn39Pb3			>500 N	
Plating			Torsional Strength		
Body Parts	Nitin-6		(Connector / Cable)	* NATM	
Inner Conductor	Nitin-6		Test performed by	Søren B. Sørensen	
Insulators	PP with Glass / COC (Topas)		Date of release	November 29, 2013	

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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