


Item no.	31000212-01		Connector type	SP TL212	
			For cable	Draka NK Tellu 7	
Frequency Range	0.3 - 3000 MHz		Product photo		
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 mΩ/m @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A++				
	>130 dB @ 30-1000MHz				
	>130 dB @ 1000-2000MHz				
	>95 dB @ 2000-3000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-43 dB	-46.0 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-41 dB	-44.2 dB	500 - 860 MHz	-0.07 dB	-0.02 dB
860 - 1000 MHz	-40 dB	-43.0 dB	860 - 1000 MHz	-0.07 dB	-0.02 dB
1000 - 1750 MHz	-35 dB	-37.7 dB	1000 - 1750 MHz	-0.08 dB	-0.03 dB
1750 - 2150 MHz	-33 dB	-35.8 dB	1750 - 2150 MHz	-0.09 dB	-0.04 dB
2150 - 3000 MHz	-31 dB	-34.1 dB	2150 - 3000 MHz	-0.11 dB	-0.06 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x+37dBm)	-150 dBc	
Operating	-40° to +70° C		Inner Conductor Resistance	(<0.7 mΩ	
Storing	-40° to +70° C		(@ 1 A DC)		
Sealing Test			Insulation Resistance	>200 GΩ	
(IEC IP-code)	IP X8 30 meter / 8 hours		(@ 500 VDC)		
O-rings	EPDM		Dielectric Strength	>3.0 KV	
			DC Test Voltage		
Base Material			Max. Tensile Strength		
Body Parts	Brass CuZn39Pb3		Overall	>1668 N	
Inner Conductor	Brass CuZn39Pb3		Inner Conductor	>245 N	
Plating			Torsional Strength	>2.0 Nm	
Body Parts	Nitin-6		(Connector / Cable)		
Inner Conductor	Nitin-6		Test performed by	Sven-Erik Sandberg	
Insulators	COC (Topas) / PP with Glass		Date of release	January 06, 2015	
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.*