


Item no.	33013000-01		Connector type	SR TL101-TL525	
			For cable 1	Draka Coax9 AD 11 S	
			For cable 2	CommScope CL3,3/13,5	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ohm				
Amp. Rating (measured)	12.5 A @10°C increase				
(calculated)	17.6 A @20°C increase				
Transfer Impedance (CoMeT)	Class A++				
	<0.9 mΩ/m @ 5-30MHz				
	<0.41 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A++				
	>120 dB @ 30-1000MHz				
	>115 dB @ 1000-2000MHz				
	>110 dB @ 2000-3000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-29 dB	-30.9 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-26 dB	-28.3 dB	500 - 860 MHz	-0.06 dB	-0.01 dB
860 - 1000 MHz	-26 dB	-27.4 dB	860 - 1000 MHz	-0.06 dB	-0.01 dB
1000 - 1750 MHz	-22 dB	-24.0 dB	1000 - 1750 MHz	-0.06 dB	-0.01 dB
1750 - 2150 MHz	-22 dB	-23.7 dB	1750 - 2150 MHz	-0.06 dB	-0.01 dB
2150 - 3000 MHz	-21 dB	-23.7 dB	2150 - 3000 MHz	-0.06 dB	-0.01 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x+30dBm)	-130 dBc	
Operating	-40° to +70° C		Inner Conductor Resistance	(@ 1 A DC)	
Storing	-40° to +70° C			<2.5 mΩ	
Sealing Test			Insulation Resistance	(@ 500 VDC)	
(IEC IP-code)	IP X8 30 meter / 8 hours			>200 GΩ	
O-rings	EPDM		Dielectric Strength	DC Test Voltage	
				>2.5 KV	
Base Material			Max. Tensile Strength	Overall	
Body Parts	Brass CuZn39Pb3			>180 N	
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper		Inner Conductor	n/a N	
Plating			Torsional Strength	(Connector / Cable)	
Body Parts	Nitin-6			* NATM	
Inner Conductor	Nitin-6		Test performed by	Sven-Erik Sandberg	
Insulators	COC (Topas) / PP with Glass		Date of release	May 19, 2015	

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

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