

Item no.	33005000-01		Connector type	SR TL101-TL313	
			For cable	Draka Coax 9 AD 11 S	
			For cable 2	Cavel 2.2 / 9.9	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ohm				
Amp. Rating (measured)	9.5 A @10°C increase				
(calculated)	13.4 A @20°C increase				
Transfer Impedance (CoMeT) **	Class B				
	<6.0 mΩ/m @ 5-30MHz				
	<0.45 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A+				
	>95 dB @ 30-1000MHz				
	>85 dB @ 1000-2000MHz				
	>75 dB @ 2000-3000MHz				
Return LOSS (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-33 dB	-33.9 dB	0.3 - 500 MHz	-0.07 dB	-0.02 dB
500 - 860 MHz	-28 dB	-31.2 dB	500 - 860 MHz	-0.08 dB	-0.03 dB
860 - 1000 MHz	-26 dB	-29.1 dB	860 - 1000 MHz	-0.09 dB	-0.04 dB
1000 - 1750 MHz	-16 dB	-19.2 dB	1000 - 1750 MHz	-0.13 dB	-0.08 dB
1750 - 2150 MHz	-14 dB	-16.7 dB	1750 - 2150 MHz	-0.16 dB	-0.10 dB
2150 - 3000 MHz	-14 dB	-16.5 dB	2150 - 3000 MHz	-0.19 dB	-0.14 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x+27dBm)	-140 dBc	
Operating	-40° to +70° C				
Storing	-40° to +70° C		Inner Conductor Resistance (@ 1 A DC)	<4.2 mΩ	
Sealing Test (IEC IP-code)	IP X8 30 meter / 8 hours		Insulation Resistance (@ 500 VDC)	>200 GΩ	
O-rings	EPDM		Dielectric Strength DC Test Voltage	>2.5 KV	
Base Material			Max. Tensile Strength		
Body Parts	Brass CuZn39Pb3		Overall	>18.3 Kgf	
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper			>180 N	
Plating			Torsional Strength (Connector / Cable)	* NATM	
Body Parts	Nitin-6				
Inner Conductor	Nitin-6				
Insulators	COC (Topas) / PP with Glass		Test performed by	Søren B. Sørensen	
			Date of release	April 29, 2016	

Remarks * Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.
 ** The high Transfer Impedance is caused by the used cables

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