


Item no.	31030540		SP TL540TI				
			CommScope QR-540 JCA ACT				
Frequency Range	0.3 - 3000 MHz		Product photo				
Impedance (Nom.)	75 Ohm						
	27.0 A @10°C increase						
(calculated)	38.1 A @20°C increase						
Transfer Impedance (CoMeT)	Class A++						
	<0.9 mΩ/m @ 5-30MHz						
	<0.12 mΩ/item @ 5-30MHz						
Screening Attenuation(CoMeT)	Class A++						
	>135 dB @ 30-1000MHz						
	>135 dB @ 1000-2000MHz						
	>135 dB @ 2000-3000MHz						
Return Loss (IEC 61169-1)	Better than	Typical			Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-35 dB	-38.2 dB			0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-31 dB	-33.5 dB			500 - 860 MHz	-0.06 dB	-0.01 dB
860 - 1000 MHz	-29 dB	-31.9 dB	860 - 1000 MHz	-0.06 dB	-0.01 dB		
1000 - 1750 MHz	-22 dB	-25.2 dB	1000 - 1750 MHz	-0.08 dB	-0.03 dB		
1750 - 2150 MHz	-20 dB	-23.3 dB	1750 - 2150 MHz	-0.10 dB	-0.05 dB		
2150 - 3000 MHz	-19 dB	-21.5 dB	2150 - 3000 MHz	-0.16 dB	-0.11 dB		
Temperature			Intermodulation	IM3			
Installing	-5° to +50° C		3rd Order (@2x+37dBm)	-160 dBc			
Operating	-40° to +85° C		Inner Conductor Resistance	(@ 1 A DC)			
Storing	-40° to +85° C			<0.6 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			
				>3.5 KV			
Base Material			Max. Tensile Strength	Overall			
Body Parts	Brass CuZn39Pb3			>183 Kgf			
Inner Conductor	Brass CuZn39Pb3			>1800 N			
Plating			Torsional Strength	(Connector / Cable)			
Body Parts	Nitin-6			>6.5 * NATM			
Inner Conductor	Nitin-6		Test performed by	Susanne Lindharth			
Insulators	COC (Topas) / PP with Glass		Date of release	April 12, 2017			
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.