

Item no.		49020200-01		Connector type		3.5/12M-TL202	
				For cable		CommScope CL 1.7/7.0 Coax ZES	
Frequency Range		0.3 - 3000 MHz		Product photo			
Impedance (Nom.)		75 Ω					
Amp. Rating (measured)		13.0 A @10°C increase					
(calculated)		18.3 A @20°C increase					
Transfer Impedance (CoMeT)		Class A ++					
		<0.9 mΩ/m @ 5-30MHz					
		<0.05 mΩ/item @ 5-30MHz					
Screening Attenuation(CoMeT)		Class A ++					
		>140 dB @ 30-1000MHz					
		>125 dB @ 1000-3000MHz					
Return Loss (IEC 61169-1)		Better than	Typical	Insertion Loss Max.		Better than	Typical
0.3 - 500 MHz		-32 dB	-35.0 dB	0.3 - 500 MHz		-0.07 dB	-0.02 dB
500 - 860 MHz		-32 dB	-35.0 dB	500 - 860 MHz		-0.08 dB	-0.03 dB
860 - 1000 MHz		-32 dB	-35.0 dB	860 - 1000 MHz		-0.08 dB	-0.03 dB
1000 - 1750 MHz		-32 dB	-35.0 dB	1000 - 1750 MHz		-0.10 dB	-0.05 dB
1750 - 2150 MHz		-32 dB	-35.0 dB	1750 - 2150 MHz		-0.11 dB	-0.06 dB
2150 - 3000 MHz		-32 dB	-35.0 dB	2150 - 3000 MHz		-0.15 dB	-0.10 dB
Temperature				Intermodulation		IM3	
Installing		-5° to +50° C		3rd Order (@2x+37dBm)		-150 dBc	
Operating		-40° to +70° C					
Storing		-40° to +70° C		Inner Conductor Resistance (@ 1 A DC)		0.7 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		>3.0 KV	
Base Material				Max. Tensile Strength			
Body Parts		Brass CuZn39Pb3		Overall		>1500 N	
Inner Conductor		Brass CuZn39Pb3		Inner Conductor		>200 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		May 24, 2013	
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.