

Item no.	49036300-01	Connector type	3.5/12M-TL363		
		For cable	CommScope CA 511JSC		
Frequency Range	0.3 - 3000 MHz	Product photo			
Impedance (Nom.)	75 Ω				
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				
	<0.09 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A++				
	>125 dB @ 30-1000MHz				
	>105 dB @ 1000-3000MHz				
Return LOSS (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-37 dB	-39.4 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-35 dB	-38.1 dB	500 - 860 MHz	-0.06 dB	-0.01 dB
860 - 1000 MHz	-35 dB	-38.1 dB	860 - 1000 MHz	-0.09 dB	-0.04 dB
1000 - 1750 MHz	-29 dB	-32.2 dB	1000 - 1750 MHz	-0.15 dB	-0.10 dB
1750 - 2150 MHz	-26 dB	-28.5 dB	1750 - 2150 MHz	-0.21 dB	-0.16 dB
2150 - 3000 MHz	-22 dB	-25.0 dB	2150 - 3000 MHz	-0.33 dB	-0.28 dB
Temperature		Intermodulation	IM3		
Installing	-5° to +50° C	3rd Order (@2x+37dBm)	-162 dBc		
Operating	-40° to +70° C	Inner Conductor Resistance			
Storing	-40° to +70° C	(@ 1 A DC)	<0.9 mΩ		
Sealing Test		Insulation Resistance			
(IEC IP-code)	IP X8 30 meter / 8 hours	(@ 500 VDC)	>200 GΩ		
O-rings	EPDM	Dielectric Strength			
		DC Test Voltage	>3.5 KV		
Base Material		Max. Tensile Strength			
Body Parts	Brass CuZn39Pb3	Overall	>1225 N		
Inner Conductor	Brass CuZn39Pb3	Inner Conductor	>245 N		
Plating		Torsional Strength			
Body Parts	Nitin-6	(Connector / Cable)	>4.5 Nm		
Inner Conductor	Nitin-6	Test performed by	Søren B. Sørensen		
Insulators	COC (Topas) / PP with Glass	Date of release	August 12, 2013		
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.