


Item no.	49071700-02		Connector type	3.5/12M-TL717	
			For cable	CommScope CL 4,75/19,4	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ω				
Amp. Rating (measured)	19.0 A @10°C increase				
(calculated)	26.8 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				
	>140 dB @ 1000-2000MHz				
	>140 dB @ 2000-3000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-36 dB	-38.8 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-36 dB	-38.8 dB	500 - 860 MHz	-0.06 dB	-0.01 dB
860 - 1000 MHz	-36 dB	-38.8 dB	860 - 1000 MHz	-0.06 dB	-0.01 dB
1000 - 1750 MHz	-34 dB	-36.8 dB	1000 - 1750 MHz	-0.07 dB	-0.02 dB
1750 - 2150 MHz	-29 dB	-31.5 dB	1750 - 2150 MHz	-0.08 dB	-0.03 dB
2150 - 3000 MHz	-22 dB	24.4 dB	2150 - 3000 MHz	-0.11 dB	-0.06 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x+43dBm)	-155 dBc	
Operating	-40° to +70° C		Inner Conductor Resistance	(<0.4 mΩ	
Storing	-40° to +70° C		(@ 1 A DC)		
Sealing Test			Insulation Resistance	(>200 GΩ	
(IEC IP-code)	IP X8 30 meter / 8 hours		(@ 500 VDC)		
O-rings	EPDM		Dielectric Strength	(>3.5 KV	
			DC Test Voltage		
Base Material			Max. Tensile Strength	(>3500 N	
Body Parts	Brass CuZn39Pb3		Overall		
Inner Conductor	Brass CuZn39Pb3		Inner Conductor	(>500 N	
Plating			Torsional Strength	(>15 Nm	
Body Parts	Nitin-6		(Connector / Cable)		
Inner Conductor	Nitin-6		Test performed by	Sven-Erik Sandberg	
Insulators	COC (Topas) / PP with Glass		Date of release	April 23, 2014	
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.*