

Item no. 49052500-02

3.5/12M-TL525

CommScope CL 3,3/13,5

Frequency Range 0.3 - 3000 MHz
Impedance (Nom.) 75 Ω
 (calculated) 16.0 A @10°C increase
 22.6 A @20°C increase

Product photo



Transfer Impedance (CoMeT) Class A++
 <0.9 mΩ/m @ 5-30MHz
 <0.06 mΩ/item @ 5-30MHz
Screening Attenuation(CoMeT) Class A++
 >135 dB @ 30-1000MHz
 >120 dB @ 1000-3000MHz

Return Loss	Better than	Typical
0.3 - 500 MHz	-40 dB	-44.3 dB
500 - 860 MHz	-39 dB	-44.1 dB
860 - 1000 MHz	-39 dB	-44.1 dB
1000 - 1750 MHz	-39 dB	-44.8 dB
1750 - 2150 MHz	-33 dB	-36.1 dB
2150 - 3000 MHz	-27 dB	-30.9 dB

Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-0.06 dB	-0.01 dB
860 - 1000 MHz	-0.06 dB	-0.01 dB
1000 - 1750 MHz	-0.07 dB	-0.02 dB
1750 - 2150 MHz	-0.08 dB	-0.03 dB
2150 - 3000 MHz	-0.10 dB	-0.05 dB

Temperature
 Installing -5° to +50° C
 Operating -40° to +85° C
 Storing -40° to +85° C

Intermodulation IM3
 3rd Order (@2x+37dBm) -160 dBc

Inner Conductor Resistance
 (@ 1 A DC) 0.5 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 >3.5 KV

Base Material
 Body Parts Brass CuZn39Pb3
 Inner Conductor Brass CuZn39Pb3

Max. Tensile Strength
 Overall >1962 N
 Inner Conductor >500 N

Plating
 Body Parts Nitin-6
 Inner Conductor Nitin-6

Torsional Strength
 (Connector / Cable) >8.0 Nm

Insulators COC (Topas) / PP with Glass

Test performed by Sven-Erik Sandberg
Date of release November 20, 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.*