

MoCSY[®]7 Broadband Coaxial Drop Cable Specifications

AT1177TS-BVM1P



TRITON

1PreP[®]

COPPER GUARD

RoHS

MoCSY[®]7 75 Ohm Coaxial Drop Cable, Series 11, TRITON Tri-Shield, 77 % Braid, 1PreP[®] Bonded Outer Tape, PVC Jacket, with Messenger

General

Braid Coverage	77 %
Cable Type	Series 11
Packaging Type	Reel

Construction Materials

Jacket Material	PVC				
Jacket Color	<table border="0"> <tr> <td> Black</td> <td>AT1177TS-BVM1P</td> </tr> <tr> <td> Orange</td> <td>AT1177TS-BVMO1P</td> </tr> </table>	 Black	AT1177TS-BVM1P	 Orange	AT1177TS-BVMO1P
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Shield Materials	TRITON bonded inner foil + 77 % aluminum braid + 1PreP [®] bonded outer tape				
Dielectric Material	Foam PE				
Inner Conductor	Copper-clad steel wire				

Dimensions

Cable Length	1000 ft	305 m
Diameter Over Jacket	0.400 in	10.16 mm
Jacket Wall Thickness	0.042 in	1.07 mm
Diameter Over Tape	0.288 in	7.32 mm
Diameter Over Dielectric	0.28 in	7.11 mm
Diameter Inner Conductor	0.064 in	1.63 mm
Reel	Flange Diameter	20.8 in / 525 mm
	Hub Diameter	7.9 in / 200 mm
	Traverse Width	11.8 in / 300 mm
Total Weight	80.7 lbs	36.7 kg

Electrical Specifications

Operating Frequency Band	5 to 3000 MHz
Impedance	75 Ohms
Velocity	85 %
DC Loop Resistance	14.2 Ohms / kft / 46.6 Ohms / km
Dielectric Strength	1500 V
Jacket Spark Test Voltage (rms)	2500 V

Attenuation @ 68 °F (20 °C)

Freq. (MHz)	db / 100 ft	dB / 100 m	Freq. (MHz)	db / 100 ft	dB / 100 m
5	0.38	1.25	870	4.06	13.31
55	0.96	3.15	1000	4.35	14.27
211	1.90	6.23	1218	4.92	16.14
250	2.05	6.72	1300	5.01	16.44
270	2.13	7.00	1400	5.22	17.13
300	2.25	7.38	1500	5.42	17.78
330	2.35	7.71	1600	5.62	18.44
350	2.42	7.94	1700	5.81	19.06
400	2.60	8.53	1800	6.00	19.69
450	2.75	9.02	2000	6.37	20.90
500	2.90	9.51	2200	6.72	22.05
550	3.04	9.97	2500	7.22	23.69
600	3.18	10.43	2800	7.71	25.30
750	3.65	11.97	3000	8.02	26.31

Standards Conformance

Applicable	RoHS SCTE 74 2011
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