

MoCSY[®]7 Broadband Coaxial Drop Cable Specifications

AT1177TS-BF1P

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

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-BF1P</td> </tr> <tr> <td>■ Orange</td> <td>AT1177TS-BF01P</td> </tr> </table>	■ Black	AT1177TS-BF1P	■ Orange	AT1177TS-BF01P
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Corrosion Protection	APFC (amorphous polypropylene flooding compound)				
Shield Materials	TRITON Bonded inner foil + 77 % aluminum braid + bonded 1PreP [®] outer foil				
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	0.280 in	7.11 mm	
Diameter Inner Conductor	0.064 in	1.63 mm	
Reel	Flange Diameter	18.1 in	460 mm
	Hub Diameter	7.9 in	200 mm
	Traverse Width	11.8 in	300 mm
Total Weight	61.8 lbs	28.1 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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TRITON

1PreP[®]

CORROSION GUARD

COPPER GUARD

RoHS

