

MoCSY®7 Broadband Coaxial Drop Cable Specifications



A677TS-BF1P



MoCSY®7

1PreP®

Copper Guard

Corrosion Guard



MoCSY®7 75 Ohm Coaxial Drop Cable, Series 6, Tri-Shield, 77 % Braid, 1PreP® Bonded Outer Tape, PE Jacket, Flooded

General

Braid Coverage	77 %
Cable Type	Series 6
Packaging Type	Reel

Construction Materials

Jacket Material	PE
Jacket Color	Black A677TS-BF1P Orange A677TS-BFO1P
Corrosion Protection	APFC (amorphous polypropylene flooding compound)
Shield Materials	Bonded APA foil + 77 % aluminum braid + 1PreP® bonded outer foil
Dielectric Material	Foam PE
Inner Conductor	Copper-clad steel wire

Dimensions

Cable Length		1000 ft	305 m
Diameter Over Jacket		0.273 in	6.93 mm
Jacket Wall Thickness		0.030 in	0.76 mm
Diameter Over Tape		0.186 in	4.72 mm
Diameter Over Dielectric		0.177 in	4.49 mm
Diameter Inner Conductor		0.0403 in	1.024 mm
Reel	Flange Diameter	12 in	310 mm
	Hub Diameter	4 in	100 mm
	Traverse Width	11.8 in	300 mm
Total Weight		26 lbs	11.8 kg

Electrical Specifications

Operating Frequency Band	5 to 1525 MHz	
Impedance	75 Ohms	
Velocity	85 %	
DC Loop Resistance	38.4 Ohms / kft	126 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	0.58	1.90	500	4.66	15.29
55	1.60	5.25	550	4.90	16.08
211	3.05	10.00	600	5.10	16.73
250	3.30	10.82	750	5.65	18.54
270	3.37	11.04	870	6.11	20.04
300	3.55	11.64	1000	6.55	21.49
330	3.74	12.26	1125	6.95	22.80
350	3.85	12.63	1218	7.21	23.66
400	4.15	13.61	1525	8.09	26.54
450	4.40	14.43			

Standards Conformance

Applicable	RoHS	
	SCTE 74 2011	
	UL / ETL Listings	NEC 830 BMU



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