

MoCSY®7 Broadband Coaxial Drop Cable Specifications



A1177TS-BVM1P



MoCSY®7

1PreP®

**Copper
GUARD**



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

General

Braid Coverage	77 %
Cable Type	Series 11
Packaging Type	Reel

Construction Materials

Jacket Material	PVC
Jacket Color	■ Black A1177TS-BVM1P
Messenger Wire	0.072 in (1.82 mm) galvanized steel
Shield Materials	Bonded APA 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	0.280 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	36.78 kg

Electrical Specifications

Operating Frequency Band	5 to 1525 MHz
Impedance	75 Ohms
Velocity	85 %
DC Loop Resistance	17.4 Ohms / kft 57.1 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	500	2.90	9.51
55	0.96	3.15	550	3.04	9.97
211	1.90	6.23	600	3.18	10.43
250	2.05	6.72	750	3.65	11.97
270	2.13	7.00	870	4.06	13.31
300	2.25	7.38	1000	4.35	14.27
330	2.35	7.71	1125	4.61	15.14
350	2.42	7.94	1218	4.92	16.14
400	2.60	8.53	1525	5.37	17.62
450	2.75	9.02			

Standards Conformance

Applicable	RoHS
	SCTE 74 2011