

MoCSY®7 Broadband Coaxial Drop Cable Specifications



A1177TS-V1P



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

General

Braid Coverage	77 %
Cable Type	Series 11
Packaging Type	Reel
Printing over jacket	Meter marking

Construction Materials

Jacket Material	PVC
Jacket Color	Black
Shield Materials	APA 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	64 lbs	29.0 kg

Electrical

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		
Return Loss (min)	5 to 1002 MHz	20 dB	
	1002 to 1525 MHz	15 dB	

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			

Conformance

Applicable	RoHS
	SCTE 74 2011



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