

MoCSY®7 Broadband Coaxial Drop Cable Specifications



A6TS-BVV



MoCSY®7 75 Ohm Coaxial Drop Cable, Series 6, Tri-Shield, 60 % Braid, Bonded Foil, PVC Jacket, UL CATV Rated

General

Braid Coverage	60 %
Cable Type	Series 6
Packaging Type	Reel

Construction Materials

Jacket Material	PVC
Jacket Color	Black A6TS-BVV
	Neutral A6TS-BVVN
	White A6TS-BVVW
Shield Materials	Bonded APA foil + 60 % aluminum braid + non-bonded APA foil
Dielectric Material	Foam PE
Inner Conductor	Copper-clad steel wire

Dimensions

Cable Length	1000 ft	305 m
Diameter Over Jacket	0.275 in	6.99 mm
Jacket Wall Thickness	0.03 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	4.0 in 100 mm
	Traverse Width	11.8 in 300 mm
Total Weight	32 lbs	14.5 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 CATV, CM, NEC 830 BM



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