

MoCSY®7 Broadband Coaxial Drop Cable Specifications

AT677TS-BVV1P-R500









MoCSY®7 75 Ohm Coaxial Drop Cable, Series 6, TRITON Tri-Shield, 77 % Braid, PVC Jacket, 1PreP® Bonded Outer Tape, MOGO® Refill

General

Braid Coverage	77 %
Cable Type	Series 6
Packaging Type	MOGO® Refill Reel

Construction Materials

Jacket Material	PVC
Jacket Color	<input checked="" type="checkbox"/> Black AT677TS-BVV1P-R500
	<input type="checkbox"/> White AT677TS-BVVW1P-R500
	<input type="checkbox"/> Neutral AT677TS-BVVN1P-R500
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	500 ft	152 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	10 in / 260 mm
	Hub Diameter	3.4 in / 86 mm
	Traverse Width	7 in / 180 mm
Total Weight	16 lbs	7.3 kg

Electrical Specifications

Operating Frequency Band	5 to 3000 MHz
Impedance	75 Ohms
Velocity	85 %
DC Loop Resistance	32.4 Ohms / kft / 106 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	870	6.11	20.04
55	1.60	5.25	1000	6.55	21.49
211	3.05	10.00	1218	7.21	23.62
250	3.30	10.82	1300	7.53	24.67
270	3.37	11.04	1400	7.84	25.68
300	3.55	11.64	1500	8.13	26.63
330	3.74	12.26	1600	8.42	27.58
350	3.85	12.63	1700	8.70	28.50
400	4.15	13.61	1800	8.97	29.38
450	4.40	14.43	2000	9.50	31.12
500	4.66	15.29	2200	10.01	32.79
550	4.90	16.08	2500	10.73	35.15
600	5.10	16.73	2800	11.42	37.41
750	5.65	18.54	3000	11.86	38.85

Standards Conformance

Applicable	RoHS
	SCTE 74 2011
	UL / ETL Listings CATV, CM

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