

MoCSY®7 Broadband Coaxial Drop Cable Specifications

AT677TS-BVV1P-RBX



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

General

Braid Coverage	77 %
Cable Type	Series 6
Packaging Type	Reel in Box

Construction Materials

Jacket Material	PVC
Jacket Color	<input checked="" type="checkbox"/> Black AT677TS-BVV1P-RBX
	<input type="checkbox"/> White AT677TS-BVVW1P-RBX
	<input type="checkbox"/> Neutral AT677TS-BVVN1P-RBX
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	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	
Box	Height	12.5 in	310 mm
	Length	12.5 in	310 mm
	Width	13.0 in	330 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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