



Innovation for the Last Mile™

A677TSV1PW

Series 6, MOCSY®7 coaxial drop cable, 1 Prep Tri-shield 77% braid, White PVC jacket.

GENERAL SPECIFICATIONS

Braid Coverage	77% braid
Cable Type	Series 6
Packaging Type	Reel, 305m

CONSTRUCTION MATERIALS

Jacket Material	PVC
Jacket Color	White
Shield Materials	Bonded foil + 77% aluminum braid + Bonded foil
Dielectric Material	Foam PE
Inner Conductor Material	Bare Copper-clad steel wire

DIMENSIONS

Cable Length	1000 ft	305 m
Diameter over Jacket	0.275 in	6.99 mm
Jacket thickness	0.030 in	0.76 mm
Diameter over Tape	0.186 in	4.72 mm
Diameter over Dielectric	0.178 in	4.52 mm
Diameter of Inner Conductor	0.0403 in	1.024 mm
Reel: Flange Diameter	11.8 in	300 mm
Hub Diameter	4 in	100 mm
Traverse Width	11.8 in	300 mm
Total Weight	30.4 lb	13.8 kg

ELECTRICAL SPECIFICATIONS

Operating Frequency Band	5-1525 MHz	
Impedance	75 Ohms	
Velocity	85%	
DC Loop Resistance	38.4 Ω /kft	126 Ω /km
Dielectric Strength	1500 V	
Jacket Spark Test	2500 V	
Return Loss (5 - 1002 MHz)	20 dB	
Return Loss (1002 – 1525 MHz)	15 dB	

STANDARD COMPLIANCE

RoHS Compliant
SCTE 74 Compliant
TL9000 Certified

Attenuation @ 68°F (20°C)		
MHz	dB/100ft	dB/100m
5	0.58	1.90
55	1.60	5.25
211	3.05	10.00
250	3.30	10.82
270	3.37	11.04
300	3.55	11.64
330	3.74	12.26
350	3.85	12.63
400	4.15	13.61
450	4.40	14.43
500	4.66	15.29
550	4.90	16.08
600	5.10	16.73
750	5.65	18.54
870	6.11	20.04
1000	6.55	21.49
1125	6.95	22.80
1525	8.09	26.54



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