

A677TSTCU-V1P(W)

Series 6, MOCSY[®]7 coaxial drop cable, solid copper, tri-shield 77% TCu braid, PVC jacket.
1PreP[®] rapid preparation technology with outer tape bonded to the jacket.

GENERAL SPECIFICATIONS

Braid Coverage 77% braid
Cable Type Series 6
Packaging Type Reel

CONSTRUCTION MATERIALS

Jacket Material PVC
Jacket Color Black: A677TSTCU-V1P
White: A677TSTCU-V1PW
Shield Materials APA foil + 77% tinned copper braid +
1PreP[®] foil bonded to jacket
Dielectric Material Foam PE
Inner Conductor Material Solid copper wire

DIMENSIONS

Cable Length 305 m (1000 ft)
Diameter over Jacket 6.93 mm (0.273 in)
Jacket thickness 0.76 mm (0.030 in)
Diameter over Tape 4.72 mm (0.186 in)
Diameter over Dielectric 4.49 mm (0.177 in)
Diameter of Inner Conductor 1.024 mm (0.0403 in)
Reel: Flange Diameter 300 mm (12 in)
Hub Diameter 100 mm (4 in)
Traverse Width 300 mm (11.8 in)
Total Weight 17 kg (37 lb)

ELECTRICAL SPECIFICATIONS

Operating Frequency Band 5-1525 MHz
Impedance 75 Ohms
Velocity 85%
DC Loop Resistance 30.5 Ω/km (9.3 Ω/kft)
Dielectric Strength 1500 V
Jacket Spark Test 2500 V

STANDARD COMPLIANCE

RoHS Compliant
SCTE 74 2011 Compliant

Attenuation @ 20°C (68°F)		
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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