

MoCSY®7 Broadband Coaxial Drop Cable Specifications



A660-BVM-072



MoCSY®7

**Copper
GUARD**



MoCSY®7 75 Ohm Coaxial Drop Cable, Series 6, Bi-Shield, 60 % Braid, PVC Jacket, Messenger

General

Braid Coverage	60 %
Cable Type	Series 6
Packaging Type	Reel

Construction Materials

Jacket Material	PVC
Jacket Color	Black A660-BVM-072
Messenger Wire	0.072 in (1.83 mm) galvanized steel Minimum breaking strength: 346 lbf (156.9 kgf)
Shield Materials	Bonded APA foil + 60 % aluminum braid
Dielectric Material	Foam PE
Inner Conductor	Copper-clad steel wire

Dimensions

Cable Length	1000 ft	305 m
Diameter Over Jacket	0.270 in	6.86 mm
Jacket Wall Thickness	0.030 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 14 in	355 mm
	Hub Diameter 4 in	100 mm
	Traverse Width 11.8 in	300 mm
Total Weight	40 lbs	28 kg

Electrical Specifications

Operating Frequency Band	5 to 1525 MHz	
Impedance	75 Ohms	
Velocity	85 %	
DC Loop Resistance	41.1 Ohms / kft	135 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



US Patent No. 9728304 B2. www.pctintl.com/patents. Specifications subject to change without notice.
1PreP, Innovation for the Last Mile, MoCSY, Copper Guard, Corrosion Guard, PCT, PCT International, Predator, TRITON and Z-Wire are trademarks, registered and otherwise, of PCT International, Inc.

Innovation for the Last Mile®