

Series 6 - MOCSY7 75 Ohm Broadband Coaxial Cable Drop Cable



series 6		77 % braid		tri-shield		75 ohm	
Part Number	Description	PCT's Available Cable Technologies				Regulatory Compliance	
		TRITON	Z-Wire	1PreP	Messenger	NEC 820	NEC 830
AT677TS-BVDM	PVC jacket, rodent repellent, with green tracer	✓		✓	✓	--	--
AT677TS-BVVD	PVC jacket, rodent repellent, UL CATV rated, with green tracer	✓		✓		CATV, CM	BM

All constructions: **RoHS** compliant; conform to all applicable SCTE standards

Construction Materials

Dielectric	Foam PE
Inner Conductor	Copper-clad steel wire
Outer Conductor	Bonded foil + 77 % aluminum braid + non-bonded foil
Messenger (if applicable)	0.051 in galvanized steel
Jacket	PVC, rodent repellent

Dimensions

Diameter Over Dielectric	4.490 mm (0.177 in)
Diameter Over Jacket	6.990 mm (0.275 in)
Diameter Over Tape	4.700 mm (0.185 in)
Inner Conductor OD	1.024 mm (0.0403 in)
Jacket Wall Thickness	0.760 mm (0.030 in)

Electrical Specifications

Operating Frequency Band	5 to 1675 MHz
Cable Impedance	75 Ohm
DC Loop Resistance	126.0 Ohms / km (38.4 Ohms / kft)
DC Test Voltage	1500 V
Jacket Spark Test Voltage (rms)	2500 V
Velocity	85%

Mechanical Specifications (if applicable)

Messenger Breaking Strength	77.1 kgf (170.0 lbf)
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Ordering Information (choose one from each column)

AT	6	77	TS		D		1P		Description
AT									MOCSY [®] 7 TRITON enhanced base shield tape
	6								Series 6 cable
		77							77 % braid coverage
			TS						Tri-shield - tape, braid, tape
				-BV					Bonded foil, PVC jacket
				-BVV					Bonded foil, PVC jacket, UL CATV rated
					D				Rodent repellent
						M			Messenger wire - standard on BV construction
									Jacketing - black with green tracer (leave blank)
							1P		1PreP [®] rapid preparation technology
									Packaging - 1000 ft reel (leave blank)



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