

## Series 6 - MOCSY 7 75 Ohm Broadband Coaxial Cable

### Drop Cable

Series 6      tri-shield      77 % braid      75 ohm

#### RoHS 2002/95/EC compliant - all constructions

Part Number	Description	Regulatory Compliance		
		Agency	NEC 820	NEC 830
A677TS-BVV	black PVC jacket	UL/ETL Certification	CATV, CM	BM
A677TS-BVV1P	1Prep™	UL/ETL Certification	CATV, CM	BM
AZ677TS-BVV	Z-Wire®	UL/ETL Certification	CATV, CM	BM
HZ677TS-BVV	TRITON™, Z-Wire®	UL/ETL Certification	CATV, CM	BM
A677TSDL-BVV	dual	UL/ETL Certification	CATV, CM	BM
A677TS-BF	flooded	UL/ETL Certification		BMU
H677TS-BF	flooded, TRITON™	UL/ETL Certification		BMU
A677TSDL-BF	dual, flooded	UL/ETL Certification		BMU
A677TS-BVM	messenger			
AZ677TS-BVM	messenger, Z-Wire®			
HZ677TS-BVM	messenger, TRITON™, Z-Wire®			
A677TS-BVR	riser rated	UL/ETL Certification	CATVR, CMR	BMR

#### 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

#### Dimensions

Diameter Over Dielectric	4.490 mm (0.177 in)
Diameter Over Jacket	6.930 mm (0.273 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 1525 MHz
Cable Impedance	75 ohm
dc Loop Resistance	126.0 ohms/km (38.4 ohms/kft)
dc Test Voltage	1500 volts
Jacket Spark Test Voltage (rms)	2500 volts
Velocity	85 %
Attenuation	See page 22

#### Mechanical Specifications (if applicable)

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

							Description
A							MOCSY®7 subscriber access cable
AZ							MOCSY®7 subscriber access cable Z-Wire® anti-corrosion protection
H							MOCSY®7 TRITON™ enhanced base shield tape
HZ							MOCSY®7 TRITON™ enhanced base shield tape with Z-Wire® anti-corrosion protection
	6						Series 6 braided cable
		77					77 % braid coverage
			TS				Tri-shield (tape, braid, tape)
			TSL				Tri-shield (tape, braid, tape), flooded
				DL			Dual
					-BF		Bonded foil, PE jacket, flooding compound
					-BVM		Bonded foil, PVC jacket, messenger wire
					-BVR		Bonded foil, PVC jacket, riser rated
					-BVV		Bonded foil, PVC jacket, UL CATV rated
					-BVV1P		1Prep™ rapid preparation technology
					-X		Jacketing - black (leave blank), neutral (N), orange (O), white (W)
							Packaging - reel (leave blank)
						-BOX	Packaging - box
						-CAD	Packaging - coil, for reusable caddy
						-RBX5	Packaging - reel-in box, 500 ft