

Series 6 - MOCSY7 75 Ohm Broadband Coaxial Cable Drop Cable

series 6		60 % braid		tri-shield		75 ohm	
Part Number	Description	PCT's Available Cable Technologies				Regulatory Compliance	
		TRITON	Z-Wire	1PreP	Messenger	NEC 820	NEC 830
A6TS-BF	PE jacket, flooded	✓	✓	✓		--	BMU
A6TS-BV	PVC jacket	✓	✓	✓	✓	--	--
A6TS-BVR	PVC jacket, UL CATVR riser rated	✓	✓	✓		CATVR, CMR	--
A6TS-BVV	PVC jacket, UL CATV rated	✓	✓	✓	✓	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 + 60 % 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 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%
Attenuation	See reverse side

Mechanical Specifications (if applicable)

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

	6	TS						Description
A								MOCSY [®] 7 subscriber access cable
AT								MOCSY [®] 7 TRITON enhanced base shield tape
ATZ								MOCSY [®] 7 TRITON enhanced base shield tape w/ Z-Wire [®] anti-corrosion protection
AZ								MOCSY [®] 7 subscriber access cable w/ Z-Wire [®] anti-corrosion protection
	6							Series 6 cable
		TS						Tri-shield - tape, braid, tape
			-BF					Bonded foil, PE jacket, flooding compound
			-BV					Bonded foil, PVC jacket
			-BVR					Bonded foil, PVC jacket, UL CATVR riser rated
			-BVV					Bonded foil, PVC jacket, UL CATV rated
				M				Messenger wire - available on BV and BVV constructions
					X			Jacketing - (leave blank) black, (N) neutral, (O) orange, (W) white
						1P		1PreP [®] rapid preparation technology - available with tri-shield
							-Y	Packaging : - (leave blank) 1000 ft reel - (S) 500 ft reel - (BOX) 1000 ft box - (RBX) Reel-in-box 1000 ft w/ frames - (RBX5) T-Pack 500 ft w/o frames - (R500) 500 ft MOGO refill

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attenuation table

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



500 ft reel



1000 ft box



1000 ft reel



Reel-in-Box

reel packaging

Part Number	Cable Length m (ft)	Total Weight kg (lb)	Reel Dimensions cm (in)	Reels Per Pallet
AZ6TS-BVV-R500	152 (500)	6.3 (13.9)	26 x 8.6 x 18 (10.2 x 3.4 x 7.1)	80
AZ6TS-BVVN-R500	152 (500)	6.3 (13.9)	26 x 8.6 x 18 (10.2 x 3.4 x 7.1)	80
AZ6TS-BVVW-R500	152 (500)	6.3 (13.9)	26 x 8.6 x 18 (10.2 x 3.4 x 7.1)	80
A6TS-BVVN-RBX5	152 (500)	6.9 (15.2)	27 x 21 x 27.5 (10.6 x 8.3 x 10.8)	120
AZ6TS-BVVW-RBX5	152 (500)	6.9 (15.2)	27 x 21 x 27.5 (10.6 x 8.3 x 10.8)	120
A6TS-BF	305 (1000)	11.4 (25.1)	30 x 10 x 30 (11.8 x 3.9 x 11.8)	36
A6TS-BFO	305 (1000)	11.8 (26.0)	30 x 10 x 30 (11.8 x 3.9 x 11.8)	36
A6TS-BV	305 (1000)	13.6 (30.0)	30 x 10 x 30 (11.8 x 3.9 x 11.8)	36
A6TS-BVR	305 (1000)	12.8 (28.2)	30 x 10 x 30 (11.8 x 3.9 x 11.8)	36
A6TS-BVV	305 (1000)	13.2 (29.1)	30 x 10 x 30 (11.8 x 3.9 x 11.8)	36
A6TS-BVVN	305 (1000)	13.2 (29.1)	30 x 10 x 30 (11.8 x 3.9 x 11.8)	36
A6TS-BVVW	305 (1000)	13.2 (29.1)	30 x 10 x 30 (11.8 x 3.9 x 11.8)	36
AZ6TS-BVV	305 (1000)	13.0 (28.7)	30 x 10 x 30 (11.8 x 3.9 x 11.8)	36
AZ6TS-BVVN	305 (1000)	12.8 (28.2)	30 x 10 x 30 (11.8 x 3.9 x 11.8)	36
AZ6TS-BVVW	305 (1000)	12.8 (28.2)	30 x 10 x 30 (11.8 x 3.9 x 11.8)	36
AT6TS-BF	305 (1000)	11.7 (25.7)	30 x 10 x 30 (11.8 x 3.9 x 11.8)	36
ATZ6TS-BVV	305 (1000)	12.8 (28.2)	30 x 10 x 30 (11.8 x 3.9 x 11.8)	36
ATZ6TS-BVVW	305 (1000)	12.8 (28.2)	30 x 10 x 30 (11.8 x 3.9 x 11.8)	36
A6TS-BVM	305 (1000)	19.4 (42.8)	35 x 10 x 30 (13.8 x 3.9 x 11.8)	27
AZ6TS-BVM	305 (1000)	19.2 (42.3)	35 x 10 x 30 (13.8 x 3.9 x 11.8)	27
AZ6TS-BVVM	305 (1000)	19.8 (43.7)	35 x 10 x 30 (13.8 x 3.9 x 11.8)	27
ATZ6TS-BVM	305 (1000)	19.2 (42.3)	35 x 10 x 30 (13.8 x 3.9 x 11.8)	27
A6TS-BVV-CAD	213 (700)	10.0 (22.0)	42 x 42 x 23 (16.5 x 16.5 x 9.1)	32
A6TS-BVVN-CAD	213 (700)	10.0 (22.0)	42 x 42 x 23 (16.5 x 16.5 x 9.1)	32
A6TS-BVVW-CAD	213 (700)	10.0 (22.0)	42 x 42 x 23 (16.5 x 16.5 x 9.1)	32
AZ6TS-BVV-CAD	213 (700)	10.0 (22.0)	42 x 42 x 23 (16.5 x 16.5 x 9.1)	32
AZ6TS-BVVN-CAD	213 (700)	10.0 (22.0)	42 x 42 x 23 (16.5 x 16.5 x 9.1)	32
AZ6TS-BVVW-CAD	213 (700)	10.0 (22.0)	42 x 42 x 23 (16.5 x 16.5 x 9.1)	32
A6TS-BVV-BOX	305 (1000)	12.8 (28.2)	48 x 48 x 26 (18.9 x 18.9 x 10.2)	40
A6TS-BVVN-BOX	305 (1000)	12.8 (28.2)	48 x 48 x 26 (18.9 x 18.9 x 10.2)	40
A6TS-BVVW-BOX	305 (1000)	12.8 (28.2)	48 x 48 x 26 (18.9 x 18.9 x 10.2)	40
AZ6TS-BVV-BOX	305 (1000)	14.0 (30.9)	48 x 48 x 26 (18.9 x 18.9 x 10.2)	40

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