

T10 6 SERIES DROP CABLE

TIMES FIBER COMMUNICATIONS, INC.®

1-800-677-2288



PART NUMBERS

CONSTRUCTION	BRAID COVERAGE				
	STANDARD	PREMIUM	TRISHIELD		QUADSHIELD
Nominal Braid Coverage %	60	90	60	80	60 - 40
PVC Jacket (Regular)					
Single	02360 T660-VB	02560 T690-VB	02622 T6T60-VB	02627 T6T80-VB	02260 T6Q-VB
Single (Colors)	02391 T660-VC	02591 T690-VC	02620 T6T60-VC	02625 T6T80-VC	02291 T6Q-VC
Single Messengered	02364 T660-VB-051M	02564 T690-VB-051M	02623 T6T60-VB-051M	02628 T6T80-VB-051M	02264 T6Q-VB-051M
Siamese	02396 T660SIAM-VB	—	—	—	02296 T6QSIAM-VB
Siamese (Colors)	02356 T660SIAM-VC	—	—	—	02256 T6QSIAM-VC
Siamese Messengered	02384 T660SIAM-VB-072M	02584 T690SIAM-VB-072M	—	—	02284 T6QSIAM-VB-072M
PVC Jacket (Underground Floodant)					
Single Flooded	02386 T660-FVB	02586 T690-FVB	02624 T6T60-FVB	02629 T6T80-FVB	02286 T6Q-FVB
Siamese Flooded	02353 T660SIAM-FVB	02553 T690SIAM-FVB	—	—	02253 T6QSIAM-FVB
Polyethylene Jacket (Underground Floodant)					
Single Flooded	02321 T660-FEB	02521 T690-FEB	026H6 T6T60-FEB	026K0 T6T80-FEB	02221 T6Q-FEB
PVC Jacket (lifeTime™ Floodant)					
Single Flooded	32360 T660-LTVB	32560 T690-LTVB	32622 T6T60-LTVB	32627 T6T80-LTVB	32260 T6Q-LTVB
Single Flooded Messengered	32364 T660-LTVB-051M	32564 T690-LTVB-051M	32623 T6T60-LTVB-051M	32628 T6T80-LTVB-051M	32264 T6Q-LTVB-051M
Siamese Flooded	32396 T660SIAM-LTVB	—	—	—	32296 T6QSIAM-LTVB
Siamese Flooded Messengered	32384 T660SIAM-LTVB-072M	32584 T690SIAM-LTVB-072M	—	—	32284 T6QSIAM-LTVB-072M
PVC Jacket , Flame Retardant – NEC Article 820 – “CATV(UL)”***					
Single	02360V T660-VBV	02560V T690-VBV	02622V T6T60-VBV	02627V T6T80-VBV	02260V T6Q-VBV
Single (Colors)	02391V T660-VCV	02591V T690-VCV	02620V T6T60-VCV	02625V T6T80-VCV	02291V T6Q-VCV
Siamese	02396V T660SIAM-VBV	02596V T690SIAM-VBV	—	—	02296V T6QSIAM-VBV
Siamese (Colors)	02356V T660SIAM-VCV	—	—	—	02256V T6QSIAM-VCV
PVC Jacket , Flame Retardant w/lifeTime™ – NEC Article 820 – “CATV(UL)”***					
Single Flooded	32360V T660-LTVBV	32560V T690-LTVBV	32622V T6T60-LTVBV	32627V T6T80-LTVBV	32260V T6Q-LTVBV
Single Flooded (Colors)	32391V T660-LTVCV	32591V T690-LTVCV	32620V T6T60-LTVCV	32625V T6T80-LTVCV	32291V T6Q-LTVCV
Siamese Flooded	32396V T660SIAM-LTVBV	32596V T690SIAM-LTVBV	—	—	32296V T6QSIAM-LTVBV

*** CSA - CMH: Change “V” to “F”
CSA - CMG: Change “V” to “M”

UL CL2: Change “V” to “L”
UL CM: Change “V” to “Y”



6 SERIES DROP CABLE T10

PART NUMBERS

CONSTRUCTION	BRAID COVERAGE				
	STANDARD	PREMIUM	TRISHIELD		QUADSHIELD
Nominal Braid Coverage %	60	90	60	80	60 - 40
PVC Jacket , Flame Retardant – NEC Article 820 – “CATVR _{UL} ”***					
Single	02360R T660-VBR	—	—	—	02260R T6Q-VBR
Single (Colors)	—	—	—	—	02291R T6Q-VCR
Siamese	02396R T660SIAM-VBR	—	—	—	—
PVC Jacket , Flame Retardant w/lifeTime™ – NEC Article 820 – “CATVR _{UL} ”***					
Single Flooded	—	—	—	—	32260R T6Q-LTVBR
Siamese Flooded	32396R T660SIAM-LTVBR	—	—	—	—

*** CSA - CMH: Change “V” to “F”

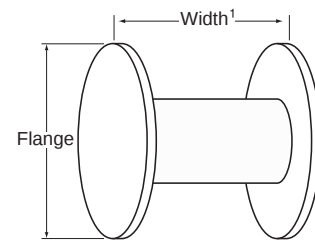
UL - CL2: Change “V” to “L”

CSA - CMG: Change “V” to “M”

UL - CM: Change “V” to “Y”

REEL SIZE

CONSTRUCTION TYPE	REEL SIZE (Flange x Width)	
	inches	centimeters
Series 6		
Single & Trishield	13x12	33x30
Single Quadshield	16x12	41x30
Single Messengered	16x12	41x30
Siamese	18x14	46x36
Siamese Trishield & Quadshield	18x14	46x36
Siamese Messengered	18x14	46x36
Siamese Messengered Quadshield	22x14	56x36

¹ Width = outside flange to outside flange

MAXIMUM ATTENUATION @ 68°F (20°C)

Frequency MHz	dB per 100 feet	dB per 100 meters
5	0.57	1.87
55	1.50	4.94
211	2.87	9.43
250	3.12	10.22
270	3.24	10.63
300	3.43	11.25
330	3.61	11.84
350	3.72	12.20
400	4.00	13.12
450	4.28	14.04
500	4.51	14.80
550	4.76	15.62
600	4.98	16.34
750	5.62	18.44
870	6.09	19.99
1000	6.54	21.46

Attenuation increases with increasing temperature and decreases with decreasing temperature at the rate of 0.1% / °F (0.18% / °C)

Specifications subject to change without notice.

April, 1999

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PHYSICAL SPECIFICATIONS

NOMINAL DIMENSIONS			STANDARD		PREMIUM		TRISHIELD		QUADSHIELD			
Braid Coverage %	60		90		60 and 80		60 - 40					
	inches	(mm)	inches	(mm)	inches	(mm)	inches	(mm)				
	Conductor	0.0403 (1.02)	0.0403 (1.02)	0.0403 (1.02)	0.0403 (1.02)	0.0403 (1.02)						
	Dielectric	0.180 (4.57)	0.180 (4.57)	0.180 (4.57)	0.180 (4.57)	0.180 (4.57)						
	Sealed APA Tape (1st Outer Conductor)	0.188 (4.78)	0.188 (4.78)	0.188 (4.78)	0.188 (4.78)	0.188 (4.78)						
	Aluminum Braid (2nd Outer Conductor)	0.212 (5.38)	0.212 (5.38)	0.212 (5.38)	0.212 (5.38)	0.212 (5.38)						
	Unsealed APA Tape (3rd Outer Conductor)	— —	— —	0.216 (5.49)	0.216 (5.49)	0.216 (5.49)						
	Aluminum Braid (4th Outer Conductor)	— —	— —	— —	0.241 (6.12)	0.241 (6.12)						
	Jacket	0.273 (6.93)	0.273 (6.93)	0.278 (7.06)	0.297 (7.54)	0.297 (7.54)						
Cable Width (Single)												
Messenger Diameter (Single)	0.051 (1.30)	0.051 (1.30)	0.051 (1.30)	0.051 (1.30)	0.051 (1.30)							
Single Messengered Width	0.428 (10.9)	0.428 (10.9)	0.433 (11.0)	0.452 (11.5)	0.452 (11.5)							
Siamese Width	0.591 (15.0)	0.591 (15.0)	— —	0.639 (16.2)	0.639 (16.2)							
Messenger Diameter (Siamese)	0.072 (1.83)	— —	— —	0.072 (1.83)	0.072 (1.83)							
Siamese Messengered Width	0.768 (19.5)	— —	— —	0.816 (20.7)	0.816 (20.7)							
Messenger Break Strength			Size		Minimum		Maximum					
			0.051 in (1.30 mm)	185 lb (823 N)	245 lb (1090 N)							
			0.072 in (1.83 mm)	365 lb (1624 N)	490 lb (2180 N)							
Cable Weight [lb./kft. (kg/km)]												
Regular			60		90		60		80		60 - 40	
Single	28 (42)	29 (43)	28 (42)	29 (43)	33 (49)							
Single Messengered	40 (60)	41 (61)	40 (60)	41 (61)	45 (67)							
Siamese	57 (85)	— —	— —	— —	66 (98)							
Siamese Messengered	77 (115)	— —	— —	— —	86 (128)							
Underground												
Single Flooded	27 (40)	29 (43)	29 (43)	30 (45)	31 (46)							
Siamese Flooded	55 (82)	58 (86)	— —	— —	63 (94)							
lifeTime™												
Single Flooded	27 (40)	29 (43)	29 (43)	30 (45)	31 (46)							
Single Flooded Messengered	39 (58)	40 (60)	41 (61)	42 (63)	43 (64)							
Siamese Flooded	55 (82)	— —	— —	— —	63 (94)							
Siamese Flooded Messengered	75 (112)	— —	— —	— —	81 (121)							

ELECTRICAL SPECIFICATIONS

Nominal DC Resistance @ 68°F (20°C)				Ohms/kft. (Ohms/km)					
Braid Coverage %	Standard		Premium		Trishield		Quadshield		
Conductors	60		90		60		80	60 - 40	
Center Conductor	30.4	(100)	30.4	(100)	30.4	(100)	30.4	(100)	(100)
Outer Conductor	9.22	(30)	5.63	(18)	6.48	(21)	5.52	(18)	(16)
Loop	39.6	(130)	36.0	(118)	36.9	(121)	35.9	(118)	(116)
Nominal Capacitance-all types	16.2 pF/ft (53.2 pF/m)								
Impedance	75 ± 3 Ohms								
Velocity of Propagation	85% nominal								