

PART NUMBERS

BRAID COVERAGE						
CONSTRUCTION	STANDARD	PREMIUM	TRISHIELD	TRISHIELD	QUADSHIELD	QUADSHIELD
Nominal Braid Coverage %	53	67	95	53	80	53 - 34
PVC Jacket (Regular)						
Single	02345 T5953-VB	02183 T5967-VB	02545 T5995-VB	02602 T59T53-VB	02607 T59T80-VB	02245 T59Q53/34-VB
Single (Colors)	02370 T5953-VC	02184 T5967-VC	02570 T5995-VC	02600 T59T53-VC	02605 T59T80-VC	02270 T59Q53/34-VC
Single Messengered	02347 T5953-VB-051M	02185 T5967-VB-051M	02547 T5995-VB-051M	02603 T59T53-VB-051M	02608 T59T80-VB-051M	02247 T59Q53/34-VB-051M
Siamese	02348 T5953SIAM-VB	02316 T5967SIAM-VB	02548 T5995SIAM-VB	— —	— —	02248 T59Q53/34SIAM-VB
Siamese (Colors)	02355 T5953SIAM-VC	02319 T5967SIAM-VC	— —	— —	— —	02255 T59Q53/34SIAM-VC
Siamese Messengered	02350 T5953SIAM-VB-072M	02317 T5967SIAM-VB-072M	— —	— —	— —	02250 T59Q53/34SIAM-VB-072M
PVC Jacket (Underground Floodant)						
Single Flooded	02374 T5953-FVB	02186 T5967-FVB	02574 T5995-FVB	02604 T59T53-FVB	02609 T59T80-FVB	02274 T59Q53/34-FVB
Siamese Flooded	02352 T5953SIAM-FVB	02309 T5967SIAM-FVB	— —	— —	— —	02252 T59Q53/34SIAM-FVB
Polyethylene Jacket (Underground Floodant)						
Single Flooded	02375 T5953-FEB	02315 T5967-FEB	02575 T5995-FEB	— —	— —	02215 T59Q53/34-FEB
PVC Jacket ((LifeTime™ Floodant)						
Single Flooded	32345 T5953-LTVB	32183 T5967-LTVB	32545 T5995-LTVB	32602 T59T53-LTVB	32607 T59T80-LTVB	32245 T59Q53/34-LTVB
Single Flooded Messengered	32347 T5953-LTVB-051M	32185 T5967-LTVB-051M	32547 T5995-LTVB-051M	32603 T59T53-LTVB-051M	32608 T59T80-LTVB-051M	32247 T59Q53/34-LTVB-051M
Siamese Flooded	32348 T5953SIAM-LTVB	32316 T5967SIAM-LTVB	32548 T5995SIAM-LTVB	— —	— —	32248 T59Q53/34SIAM-LTVB
Siamese Flooded Messengered	32350 T5953SIAM-LTVB-072M	32317 T5967SIAM-LTVB-072M	— —	— —	— —	32250 T59Q53/34SIAM-LTVB-072M
PVC Jacket, Flame Retardant – NEC Article 820 – “CATV(UL)****						
Single	02345V T5953-VBV	02183V T5967-VBV	02545V T5995-VBV	02602V T59T53-VBV	02607V T59T80-VBV	02245V T59Q53/34-VBV
Single (Colors)	02370V T5953-VCV	02184V T5967-VCV	02570V T5995-VCV	02600V T59T53-VCV	02605V T59T80-VCV	02270V T59Q53/34-VCV
Siamese	02348V T5953SIAM-VBV	02316V T5967SIAM-VBV	02548V T5995SIAM-VBV	— —	— —	02248V T59Q53/34SIAM-VBV
Siamese (Colors)	02355V T5953SIAM-VCV	02319V T5967SIAM-VCV	— —	— —	— —	02255V T59Q53/34SIAM-VCV



59 SERIES DROP CABLE T10

PART NUMBERS

BRAID COVERAGE						
CONSTRUCTION	STANDARD		PREMIUM	TRISHIELD		QUADSHIELD
Nominal Braid Coverage %	53	67	95	53	80	53 - 34
PVC Jacket, Flame Retardant w/lifeTime™ – NEC Article 820 – “CATV_{UL}”***						
Single Flooded	32345V T5953-LTVBV	32183V T5967-LTVBV	32545V T5995-LTVBV	32602V T59T53-LTVBV	32607V T59T80-LTVBV	32245V T59Q53/34-LTVBV
Single Flooded (Colors)	—	32184V T5967-LTVCV	—	—	—	—
Siamese Flooded	32348V T5953SIAM-LTVBV	32316V T5967SIAM-LTVBV	32548V T5995SIAM-LTVBV	—	—	32248V T59Q53/34SIAM-LTVBV
PVC Jacket, Flame Retardant – NEC Article 820 – “CATVR_{UL}”***						
Single	—	02183R T5967-VBR	—	—	—	02245R T59Q53/34-VBR
Siamese	—	02316R T5967SIAM-VBR	—	—	—	—
PVC Jacket, Flame Retardant w/lifeTime™ – NEC Article 820 – “CATVR_{UL}”***						
Single Flooded	—	32183R T5967-LTVBR	—	—	—	32245R T59Q53/34-LTVBR
Siamese Flooded	—	32316R T5967SIAM-LTVBR	—	—	—	—

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

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

REEL SIZE

CONSTRUCTION TYPE	REEL SIZE (Flange x Width)	
	inches	centimeters
Series 59		
Single & Trishield	12x12	30x30
Single Quadshield	13x12	33x30
Single Messengered	16x12	41x30
Siamese	16x12	41x30
Siamese Trishield & Quadshield	16x14	41x36
Siamese Messengered	18x14	46x36
Siamese Messengered Quadshield	18x14	46x36

Width¹

Flange

¹ Width = outside flange to outside flange

MAXIMUM ATTENUATION @ 68°F (20°C)

Frequency MHz	dB per 100 feet	dB per 100 meters
5	0.77	2.53
55	1.88	6.18
211	3.59	11.79
250	3.89	12.77
270	4.05	13.29
300	4.27	14.01
330	4.50	14.76
350	4.64	15.22
400	4.88	16.01
450	5.30	17.39
500	5.50	18.04
550	5.90	19.36
600	6.18	20.28
750	6.96	22.83
870	7.54	24.75
1000	8.09	26.54

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.

PHYSICAL SPECIFICATIONS

NOMINAL DIMENSIONS	STANDARD		PREMIUM		TRISHIELD		QUADSHIELD			
Braid Coverage %	53 and 67		95		53 and 80		53 - 34			
	inches	(mm)	inches	(mm)	inches	(mm)	inches	(mm)		
Conductor	0.0320	(0.81)	0.0320	(0.81)	0.0320	(0.81)	0.0320	(0.81)		
Dielectric	0.144	(3.66)	0.144	(3.66)	0.144	(3.66)	0.144	(3.66)		
Sealed APA Tape (1st Outer Conductor)	0.152	(3.86)	0.152	(3.86)	0.152	(3.86)	0.152	(3.86)		
Aluminum Braid (2nd Outer Conductor)	0.176	(4.47)	0.176	(4.47)	0.176	(4.47)	0.176	(4.47)		
Unsealed APA Tape (3rd Outer Conductor)	—	—	—	—	0.180	(4.57)	0.180	(4.57)		
Aluminum Braid (4th Outer Conductor)	—	—	—	—	—	—	0.205	(5.21)		
Jacket	0.240	(6.10)	0.240	(6.10)	0.244	(6.20)	0.265	(6.73)		
Cable Width (Single)										
Messenger Diameter (Single)	0.051	(1.30)	0.051	(1.30)	0.051	(1.30)	0.051	(1.30)		
Single Messengered Width	0.395	(10.0)	0.395	(10.0)	0.399	(10.1)	0.420	(10.7)		
Siamese Width	0.525	(13.3)	0.525	(13.3)	—	—	0.575	(14.6)		
Messenger Diameter (Siamese)	0.072	(1.83)	—	—	—	—	0.072	(1.83)		
Siamese Messengered Width	0.702	(17.8)	—	—	—	—	0.752	(19.1)		
Messenger Break Strength	Size		Minimum		Maximum					
	0.051 in	(1.30mm)	185 lb	(823 N)	245 lb	(1090 N)				
	0.072 in	(1.83mm)	365 lb	(1624 N)	490 lb	(2180 N)				
Cable Weight [lb./kft. (kg/km)]										
Regular	53 and 67		95		53		80		53 - 34	
Single	23	(34)	24	(36)	22	(33)	24	(36)	27	(40)
Single Messengered	35	(52)	36	(54)	34	(51)	36	(54)	39	(58)
Siamese	46	(68)	48	(71)	—	—	—	—	54	(80)
Siamese Messengered	66	(98)	—	—	—	—	—	—	74	(110)
Underground										
Single Flooded	22	(33)	24	(36)	23	(34)	24	(36)	26	(39)
Siamese Flooded	45	(67)	—	—	—	—	—	—	52	(77)
lifeTime™										
Single Flooded	22	(33)	24	(36)	23	(34)	24	(36)	26	(39)
Single Flooded Messengered	34	(51)	36	(54)	35	(52)	36	(54)	38	(57)
Siamese Flooded	45	(67)	47	(70)	—	—	—	—	51	(76)
Siamese Flooded Messengered	65	(97)	—	—	—	—	—	—	72	(107)

ELECTRICAL SPECIFICATIONS

Nominal DC Resistance @ 68°F (20°C)	Ohms/kft. (Ohms/ km)											
Braid Coverage %	Standard		Premium		Trishield		Quadshield					
Conductors	53		67		95		53		80		53 - 34	
Center Conductor	48.2	(158)	48.2	(158)	48.2	(158)	48.2	(158)	48.2	(158)	48.2	(158)
Outer Conductor	12.1	(40)	10.0	(33)	6.52	(21)	8.43	(28)	6.70	(22)	6.52	(21)
Loop	60.3	(198)	58.2	(191)	54.7	(179)	56.6	(186)	54.9	(180)	54.7	(179)
Nominal Capacitance-all types	16.2 pF/ft (53.2 pF/m)											
Impedance	75 ± 3 Ohms											
Velocity of Propagation	85% nominal											