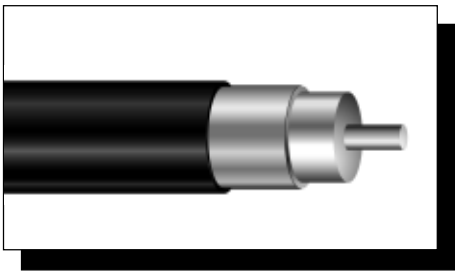
TIMES FIBER COMMUNICATIONS, INC.®
1-800-677-2288

PART NUMBERS

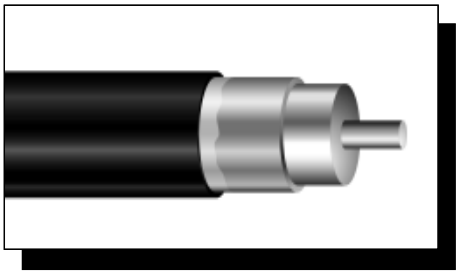
CONSTRUCTION	CENTER CONDUCTOR Copper-Clad Aluminum	
	Part Number	MI Number
Unjacketed	T10750	24700
Unjacketed, Tracer Coded	T10750VI	24710
Jacketed	T10750J	24701
Jacketed, Exta Thick Jacket	T10750JX	24706
Jacketed, Extra Thick Jacket, Tracer Coded	T10750JXVI	24716
Jacketed, Tracer Coded	T10750JVI	24711
Jacketed Messengered	T10750MS	24705
Jacketed Flooded, Underground	T10750JB	24702
Jacketed Flooded, Underground, Extra Thick Jacket	T10750JBX	24707
Jacketed Flooded, Underground, Extra Thick Jacket, Tracer Coded	T10750JBXVI	24717
Jacketed Flooded, Underground, Tracer Coded	T10750JBVI	24712
Jacketed Flooded, Aerial*	T10750JBF	24704
Jacketed Flooded, Aerial,* Tracer Coded	T10750JBFVI	24714
Jacketed Armored	T10750JBA	24703
Jacketed Armored, Tracer Coded	T10750JBAVI	24713
NEC - Article 820, CATV (UL) Listed, Unjacketed	T10750V	24700V

*Used for aerial applications due to non-flowing, non-dripping compound.

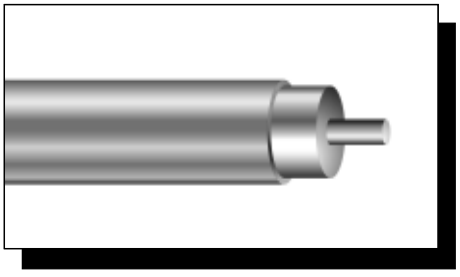
Note: Standard colored tracer stripes are red, yellow, green, blue, white, and slate. For other color combinations, please contact a customer service representative or your area sales representative.



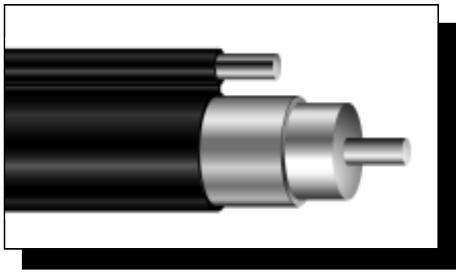
Jacketed



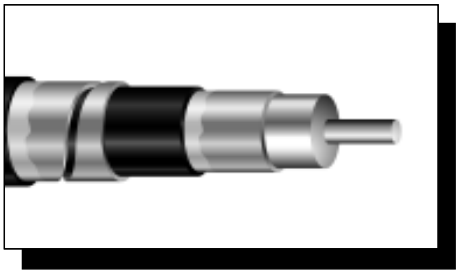
Jacketed Burial



Unjacketed



Messengered



Armored

TIMES FIBER COMMUNICATIONS, INC.®
1-800-677-2288

750 SERIES SEMIFLEX CABLE T10

PHYSICAL SPECIFICATIONS

NOMINAL DIMENSIONS	UNJACKETED*		JACKETED		EXTRA THICK JACKET		MESSENGERED		JACKETED BURIAL		EXTRA THICK JACKETED BURIAL		ARMORED	
	inches	(mm)	inches	(mm)	inches	(mm)	inches	(mm)	inches	(mm)	inches	(mm)	inches	(mm)
Conductor	0.166	(4.22)	0.166	(4.22)	0.166	(4.22)	0.166	(4.22)	0.166	(4.22)	0.166	(4.22)	0.166	(4.22)
Dielectric	0.678	(17.2)	0.678	(17.2)	0.678	(17.2)	0.678	(17.2)	0.678	(17.2)	0.678	(17.2)	0.678	(17.2)
Outer Conductor Thickness	0.036	(0.91)	0.036	(0.91)	0.036	(0.91)	0.036	(0.91)	0.036	(0.91)	0.036	(0.91)	0.036	(0.91)
Outer Conductor Diameter	0.750	(19.1)	0.750	(19.1)	0.750	(19.1)	0.750	(19.1)	0.750	(19.1)	0.750	(19.1)	0.750	(19.1)
First Jacket	—	—	0.820	(20.8)	0.880	(22.4)	0.850	(21.6)	0.830	(21.1)	0.890	(22.6)	0.830	(21.1)
Messenger	—	—	—	—	—	—	0.250	(6.35)	—	—	—	—	—	—
Armor	—	—	—	—	—	—	—	—	—	—	—	—	0.850	(21.6)
Second Jacket	—	—	—	—	—	—	—	—	—	—	—	—	0.950	(24.1)
Nominal Weight (lb/1000 ft) (kg/km)	173	(257)	208	(310)	241	(359)	380	(566)	213	(317)	247	(368)	351	(522)
Nominal Weight (per reel) lb (kg)	578	(262)	669	(303)	752	(341)	1255	(569)	682	(309)	766	(347)	1121	(508)
Nominal Length (per reel) feet (m)	2500	(762)	2500	(762)	2500	(762)	2500	(762)	2500	(762)	2500	(762)	2500	(762)
Maximum Pull Force lbf (N)	675	(3003)	675	(3003)	675	(3003)	3325	(14790)	675	(3003)	675	(3003)	675	(3003)
Minimum Bend Radius in (mm)	7.0	(178)	6.0	(152)	6.0	(152)	7.0	(178)	7.0	(178)	7.0	(178)	13.3	(338)
Messenger Break Strength lbf (N)	—	—	—	—	—	—	6650	(29581)	—	—	—	—	—	—
Reel Size (inches) (Flange x Width)[1]	48 x 28		50 x 28		50 x 28		63 x 30		50 x 28		50 x 28		57 x 28	
Reel Size (centimeters) (Flange x Width)[1]	122 x 71		127 x 71		127 x 71		160 x 76		127 x 71		127 x 71		145 x 71	

* All T10 Unjacketed Cable is available rated per **NEC Article 820 - CATV** (UL).

[1] Width = outside flange to outside flange

ELECTRICAL SPECIFICATIONS

Nominal DC Resistance @ 68˚F (20°C)	**Ohms per 1000**	
Copper-Clad Aluminum Center Conductor	**feet**	**meters**
Center Conductor	0.58	1.90
Outer Conductor	0.17	0.56
Loop	0.75	2.46
Nominal Capacitance	15.6 pF/ft (51.2 pF/m)	
Impedance	75 ± 2 Ohms	
Velocity of Propagation	87% nominal	

MAXIMUM ATTENUATION @ 68°F (20°C)

Frequency MHz	dB per 100 feet	dB per 100 meters
5	0.11	0.36
55	0.37	1.21
211	0.73	2.41
250	0.81	2.65
270	0.84	2.76
300	0.89	2.92
330	0.94	3.08
350	0.97	3.18
400	1.05	3.44
450	1.12	3.67
500	1.18	3.87
550	1.25	4.10
600	1.31	4.30
750	1.48	4.86
870	1.61	5.28
1000	1.74	5.71

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