

T10 625 SERIES SEMIFLEX CABLE

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

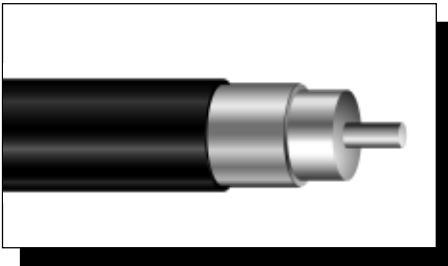


PART NUMBERS

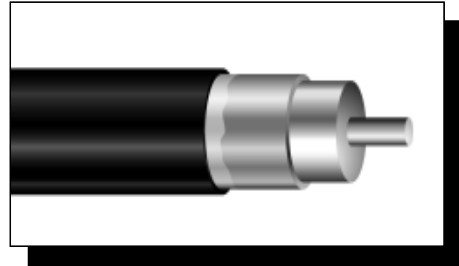
CONSTRUCTION	CENTER CONDUCTOR	
	Copper-Clad Aluminum	
	Part Number	MI Number
Unjacketed	T10625	24600
Unjacketed, Tracer Coded	T10625VI	24610
Jacketed	T10625J	24601
Jacketed, Extra Thick Jacket	T10625JX	24606
Jacketed, Extra Thick Jacket, Tracer Coded	T10625JXVI	24616
Jacketed, Tracer Coded	T10625JVI	24611
Jacketed Messengered	T10625MS	24605
Jacketed Flooded, Underground	T10625JB	24602
Jacketed Flooded, Underground, Extra Thick Jacket	T10625JBX	24607
Jacketed Flooded, Underground, Extra Thick Jacket, Tracer Coded	T10625JBXVI	24617
Jacketed Flooded, Underground, Tracer Coded	T10625JBVI	24612
Jacketed Flooded, Aerial*	T10625JBF	24604
Jacketed Flooded, Aerial,*Tracer Coded	T10625JBFVI	24614
Jacketed Armored	T10625JBA	24603
Jacketed Armored, Tracer Coded	T10625JBAVI	24613
NEC - Article 820, CATV (UL) Listed, Unjacketed	T10625V	24600V

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

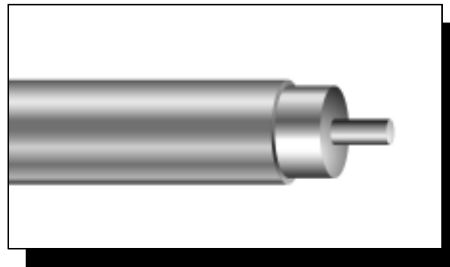
Note: Standard colored tracer stripes are red, yellow, green, blue, white, and slate. For other color combinations, please contact a customer service representative or your area sales representative.



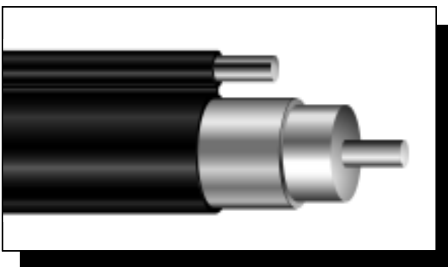
Jacketed



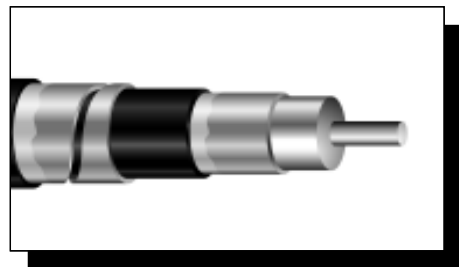
Jacketed Burial



Unjacketed



Messengered



Armored



625 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	0.136	(3.45)	0.136	(3.45)	0.136	(3.45)	0.136	(3.45)	0.136	(3.45)	0.136	(3.45)	0.136	(3.45)
Dielectric	0.563	(14.3)	0.563	(14.3)	0.563	(14.3)	0.563	(14.3)	0.563	(14.3)	0.563	(14.3)	0.563	(14.3)
Outer Conductor Thickness	0.031	(0.79)	0.031	(0.79)	0.031	(0.79)	0.031	(0.79)	0.031	(0.79)	0.031	(0.79)	0.031	(0.79)
Outer Conductor Diameter	0.625	(15.9)	0.625	(15.9)	0.625	(15.9)	0.625	(15.9)	0.625	(15.9)	0.625	(15.9)	0.625	(15.9)
First Jacket	—	—	0.685	(17.4)	0.755	(19.2)	0.705	(17.9)	0.695	(17.7)	0.765	(19.4)	0.695	(17.7)
Messenger	—	—	—	—	—	—	0.188	(4.78)	—	—	—	—	—	—
Armor	—	—	—	—	—	—	—	—	—	—	—	—	0.715	(18.2)
Second Jacket	—	—	—	—	—	—	—	—	—	—	—	—	0.815	(20.7)
Nominal Weight (lb/1000 ft) (kg/km)	122	(182)	147	(219)	180	(268)	249	(371)	151	(225)	185	(275)	268	(399)
Nominal Weight (per reel) lb (kg)	399	(181)	461	(209)	587	(266)	758	(344)	472	(214)	599	(272)	803	(364)
Nominal Length (per reel) feet (m)	2450	(747)	2450	(747)	2450	(747)	2450	(747)	2450	(747)	2450	(747)	2450	(747)
Maximum Pull Force lbf (N)	475	(2113)	475	(2113)	475	(2113)	1995	(8874)	475	(2113)	475	(2113)	475	(2113)
Minimum Bend Radius in (mm)	5.0	(127)	4.5	(114)	4.5	(114)	5.0	(127)	5.0	(127)	5.0	(127)	11.4	(290)
Messenger Break Strength lbf (N)	—	—	—	—	—	—	3990	(17748)	—	—	—	—	—	—
Reel Size (inches) (Flange x Width) ¹	42 x 22		42 x 22		48 x 28		50 x 28		42 x 22		48 x 28		48 x 28	
Reel Size (cm) (Flange x Width) ¹	107 x 56		107 x 56		122 x 71		127 x 71		107 x 56		122 x 71		122 x 71	

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

¹Width = 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	0.86	2.82
Outer Conductor	0.23	0.75
Loop	1.09	3.58
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	0.13	0.43
55	0.45	1.46
211	0.89	2.92
250	0.98	3.22
270	1.02	3.35
300	1.08	3.54
330	1.14	3.75
350	1.18	3.87
400	1.27	4.17
450	1.35	4.43
500	1.43	4.69
550	1.51	4.95
600	1.58	5.18
750	1.79	5.87
870	1.95	6.40
1000	2.11	6.92

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