

TX10 1160 SERIES SEMIFLEX CABLE

TIMES FIBER COMMUNICATIONS, INC.®

1-800-677-2288

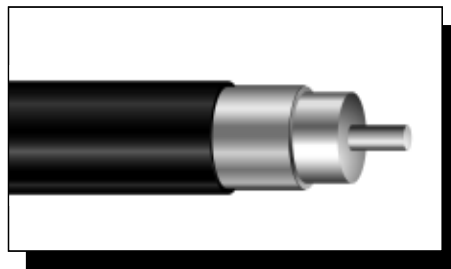


PART NUMBERS

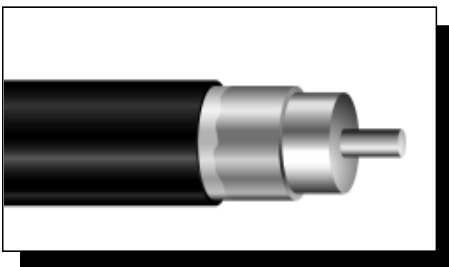
CONSTRUCTION	CENTER CONDUCTOR	
	Copper-Clad Aluminum	
	Part Number	MI Number
Jacketed	TX101160J	25901
Jacketed, Tracer Coded	TX101160JVI	25911
Jacketed Messengered	—	—
Jacketed Flooded, Underground	TX101160JB	25902
Jacketed Flooded, Underground, Extra Thick Jacket	—	—
Jacketed Flooded, Underground, Extra Thick Jacket, Tracer Coded	—	—
Jacketed Flooded, Underground, Tracer Coded	TX101160JBVI	25912
Jacketed Flooded, Aerial*	TX101160JBF	25904
Jacketed Flooded, Aerial,* Tracer Coded	TX101160JBFVI	25914
Jacketed Armored	TX101160JBA	25903
Jacketed Armored, Tracer Coded	TX101160JBAVI	25913

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

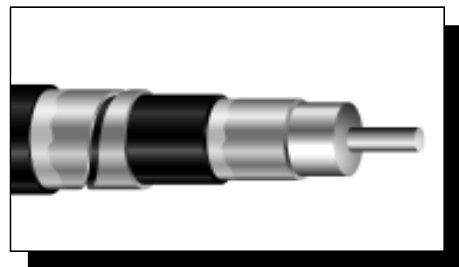
Note: Standard colored tracer stripes are red, yellow, green, blue, white, and slate. For other color combinations, please contact a customer service representative or your area sales representative.



Jacketed



Jacketed Burial



Armored



PHYSICAL SPECIFICATIONS

NOMINAL DIMENSIONS	JACKETED		JACKETED BURIAL		ARMORED	
	inches	(mm)	inches	(mm)	inches	(mm)
Conductor	0.269	(6.83)	0.269	(6.83)	0.269	(6.83)
Dielectric	1.062	(27.0)	1.062	(27.0)	1.062	(27.0)
Outer Conductor Thickness	0.049	(1.24)	0.049	(1.24)	0.049	(1.24)
Outer Conductor Diameter	1.160	(29.5)	1.160	(29.5)	1.160	(29.5)
First Jacket	1.250	(31.8)	1.260	(32.0)	1.260	(32.0)
Armor	—	—	—	—	1.280	(32.5)
Second Jacket	—	—	—	—	1.380	(35.1)
Nominal Weight (lb/1000 ft) (kg/km)	431	(641)	439	(653)	645	(960)
Nominal Weight (per reel) lb (kg)	1391	(631)	1407	(638)	1840	(835)
Nominal Length (per reel) feet (m)	2100	(640)	2100	(640)	2100	(640)
Maximum Pull Force lbf (N)	1500	(6672)	1500	(6672)	1500	(6672)
Minimum Bend Radius in (mm)	10.5	(267)	10.5	(267)	20.0	(508)
Messenger Break Strength, lbf (N)						
Reel Size (inches) (Flange x Width) ¹	72 x 30		72 x 30		72 x 30	
Reel Size (centimeters) (Flange x Width) ¹	183 x 76		183 x 76		183 x 76	

¹ Width = outside flange to outside flange

ELECTRICAL SPECIFICATIONS

Nominal DC Resistance @ 68°F (20°C)	Ohms per 1000	
	feet	meters
Copper-Clad Aluminum Center Conductor		
Center Conductor	0.22	0.72
Outer Conductor	0.08	0.26
Loop	0.30	0.98
Nominal Capacitance	15.2 pF/ft (49.9 pF/m)	
Impedance	75 ± 2 Ohms	
Velocity of Propagation	89% nominal	

MAXIMUM ATTENUATION @ 68°F (20°C)

Frequency MHz	dB per 100 feet	dB per 100 meters
5	0.07	0.23
55	0.24	0.78
211	0.48	1.58
250	0.53	1.76
270	0.56	1.84
300	0.59	1.94
330	0.63	2.06
350	0.65	2.13
400	0.70	2.30
450	0.75	2.46
500	0.80	2.62
550	0.84	2.76
600	0.89	2.92
750	1.01	3.31
870	1.11	3.64
1000	1.20	3.94

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