

## TFC TX10-15 Low Loss Drop Feeder

### Cable Construction

- Copper-Clad Aluminum Inner Conductor
- Foamed PE Dielectric
- Sealed APA Tape 1st Outer Conductor
- Aluminum 60% Braid 2nd Outer Conductor
- Black PVC Flame Retardant Jacket
- Perfect for Multiple Dwelling Units and Any Other Settings Requiring High Flexibility and Low Attenuation of Signal Strength



Signal Strength of a Hardline Cable  
with the Flexibility of a Drop Cable

#### MAXIMUM ATTENUATION @ 68°F(20 C)

Frequency MHz	dB per 100 feet	dB per 100 meters
5	0.21	0.69
55	0.60	1.97
211	1.16	3.81
250	1.26	4.13
270	1.31	4.30
300	1.39	4.56
330	1.45	4.76
350	1.50	4.92
400	1.61	5.28
450	1.71	5.61
500	1.80	5.91
550	1.90	6.23
600	1.98	6.50
750	2.23	7.32
870	2.41	7.91
1000	2.59	8.50

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

TFC TX10-15 Flexible Feeder Cable

**PHYSICAL SPECIFICATIONS**

NOMINAL DIMENSIONS	STANDARD		QUADSHIELD	
	60		60-40	
<b>Braid Coverage%</b>	inches	(mm)	inches	(mm)
Conductor	0.1090	(2.77)	0.1090	(2.77)
Dielectric	0.455	(11.6)	0.455	(11.6)
Sealed APA Tape (1st Outer Conductor)	0.463	(11.6)	0.463	(11.8)
Aluminum Braid (2nd Outer Conductor)	0.490	(12.4)	0.490	(12.4)
Unsealed APA Tape (3rd Outer Conductor)	—	—	0.494	(12.5)
Aluminum Braid (4th Outer Conductor)	—	—	0.523	(13.3)
Jacket	0.590	(15.0)	0.623	(15.8)
<b>Cable Width (Single)</b>				
Messenger Diameter (Single)	0.109	(2.77)	0.109	(2.77)
Single Messenger Width	0.814	(20.7)	0.847	(21.5)
<b>Messenger Break Strength</b>	<b>Size</b>	<b>Min</b>	<b>Max</b>	
	0.109 in (2.77mm)	1800 lb (8007 N)	2190 lb (9742 N)	
<b>CABLE WEIGHT [lb./kft. (kg/km)]</b>				
<b>Regular</b>	60		60-40	
<b>Single</b>	101	(150)	115	(171)
Single Messengered	143	(213)	—	—
<b>Underground</b>				
Single Flooded (PVC)	—	—	—	—
Single Flooded (PE)	81	(121)	93	(138)
<b>lifeTime™</b>				
Single Flooded	99	(147)	112	(167)
Single Flooded Messengered	—	—	153	(228)

**ELECTRICAL SPECIFICATIONS**

Nominal DC Resistance @ 68PF (20PC)	Ohms per kft. (Ohms/km)			
	Standard		Quadshield	
<b>Braid Coverage%</b>	60		60-40	
<b>Conductors</b>				
Center Conductor	1.35	(4.43)	1.35	(4.43)
Outer Conductor	4.42	(14.50)	2.50	(8.20)
Loop	5.77	(18.93)	3.85	(12.63)
<b>Nominal Capacitance</b>	15.5 pF/ft (50.9 pF/m)			
<b>Impedance</b>	75 ± 2 Ohms			
<b>Velocity of Propagation</b>	88% nominal			

**PART NUMBER**

CONSTRUCTION	BRAID COVERAGE	
	STANDARD	QUADSHIELD
<b>Nominal Braid Coverage %</b>	60	60-40
<b>PVC Jacket (Regular)</b>		
Single	02850 TX15A60-VB	02852 TX15AQ-VB
Single (Colors)	—	—
Single Messengered	02853 TX15A60-109M	02854 TX15AQ-VB-109M
<b>Polyethylene Jacket (Underground Floodant)</b>		
Single Flooded	02851 TX15A60-FEB	02858 TX15AQ-FEB
Single (Colors)	—	02859 TX15AQ-FEC
<b>PVC Jacket (lifeTime™ Floodant)</b>		
Single Flooded	32850 TX15A60-LTVB	32852 TX15AQ-LTVB
Single Flooded Messengered	—	32854 TX15AQ-LTVB-109M
<b>PVC Jacket, Flame Retardant - NEC Article 820 - "CATV<sup>UL</sup>"</b>		
Single Flooded	02850V TX15A60-VBV	02852V TX15AQ-VBV
Single (Colors)	—	—
<b>PVC Jacket, Flame Retardant - NEC Article 820 - "CATVR<sup>UL</sup>"</b>		
Single	02850R TX15A60-VBR	02852R TX15AQ-VBR
Single (Colors)	—	—

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Specifications Subject To Change Without Notice.

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