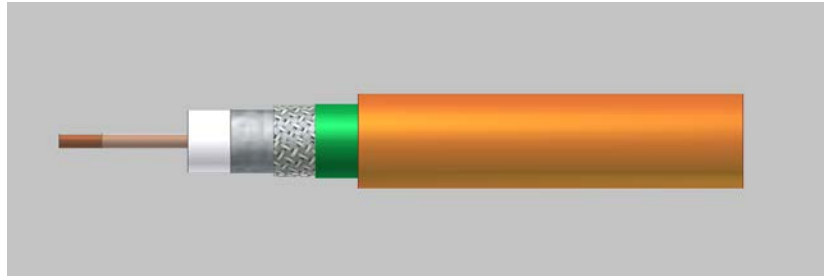




# TFC Coaxial Cable Product Information Sheet

## Type: T11TQP77-FE ORANGE

Series 11 Coaxial Cable  
Copper Clad Steel Conductor  
Foamed Polyethylene Dielectric  
Bonded APA Laminate Shield  
77% Aluminum Braid  
Underground Floodant  
APA Laminate Shield (QuickPrep)  
Orange Polyethylene Jacket



### Cable Ordering Information

Part Number	Description	NEC / CSA Listing
011E77E00OR0610000R1	T11TQP77-FE ORANGE	none

### Characteristics

Material	Detail	inches	mm
Inner Conductor	Copper Clad Steel	0.0641	1.63
Dielectric	Foamed Polyethylene	0.280	7.11
1 <sup>st</sup> Outer Conductor	Sealed APA Tape	0.288	7.32
2 <sup>nd</sup> Outer Conductor	77% Aluminum Braid	0.312	7.92
3 <sup>rd</sup> Outer Conductor	APA Tape (QuickPrep)	0.316	8.03
4 <sup>th</sup> Outer Conductor	---	---	---
Floodant	Underground	---	---
Jacket	Polyethylene, Orange	0.400	10.2
Twisted Pairs	---	---	---
Messenger	---	---	---

### Mechanical Specifications

Minimum Bend Radius, in. (mm)	1.50	(38.10)
Product Weight (less reel)	58 lbs /kft	

Customers are reminded that they are SOLELY responsible for confirming that all products are properly installed and used in accordance with all applicable codes and regulations.

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## Type: T11TQP77-FE ORANGE

### Electrical Specifications

Impedance, $\Omega$	75 $\pm$ 3	
Velocity of Propagation, %	85	
Capacitance, Nominal	16.2 pF/ft	53.2 pF/m
DC Resistance	$\Omega$ / kft	$\Omega$ / km
Inner Conductor	12.3	40
Outer Conductor	4.24	14
Loop	16.5	54

### Notes:

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### Attenuation, Maximum @ 68 °F (20 °C)

Frequency, MHz	dB / 100 ft	dB / 100 m
5	0.38	1.25
55	0.96	3.15
211	1.90	6.23
250	2.05	6.73
270	2.13	6.99
300	2.25	7.38
330	2.35	7.71
350	2.42	7.94
400	2.60	8.53
450	2.75	9.02
500	2.90	9.51
550	3.04	9.97
600	3.18	10.43
750	3.65	11.98
870	4.06	13.32
1000	4.35	14.27

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