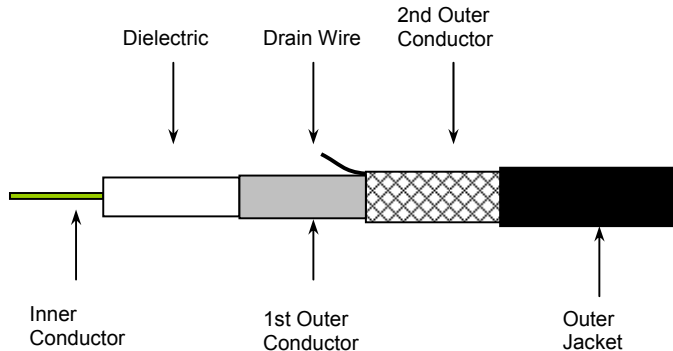


# TFC/U-JIN Coaxial Cable Product Information Sheet

## Type: FLEX – 3/75

### 75 ohm Coaxial Cable



Bare Copper Conductor  
 Solid Polyethylene Dielectric  
 Non-Bonded AP Laminate Shield  
 Tinned Copper Drain Wire  
 82% Tinned Copper Braid  
 Black PVC Jacket

### Cable Ordering Information

Part Number	MI Number	NEC / CSA Listing
FLEX – 3/75	-	none

### Characteristics

Material	Detail	inches	mm
Inner Conductor	Bare Copper	0.016	0.404
Dielectric	Solid Polyethylene	0.091	2.30
1 <sup>st</sup> Outer Conductor	Unsealed AP Tape	0.093	2.36
2 <sup>nd</sup> Outer Conductor	Drain Wire	0.016	0.404
3 <sup>rd</sup> Outer Conductor	82% Tinned Copper Braid	0.110 / 0.126	2.80 / 3.20
4 <sup>th</sup> Outer Conductor	---	---	---
Floodant	---	---	---
Jacket	Black PVC	0.130 / 0.146	3.30 / 3.70
Twisted Pairs	---	---	---
Messenger	---	---	---

### Mechanical Specifications

Product Weight	(less reel)	13 lbs /kft	19 kg/km
----------------	-------------	-------------	----------

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.

Document: FLEX – 3/75  
 Revision: 10.18.2005  
 Page: 1 of 2

#### uncontrolled copy

All Rights Reserved,  
 Specifications subject to change without notice

# TFC/U-JIN Coaxial Cable Product Information Sheet

## Type: FLEX – 3/75

Electrical Specifications		
Characteristic Impedance, Ohm	75	
Capacitance, Nominal	20.5 pF/ft	67 pF/m
DC Resistance	Ohm / kft	Ohm / km
Inner Conductor	44	144
Outer Conductor	7.3	24
Loop	51.3	168

Attenuation, Nominal @ 68 °F (20 °C)		
Frequency, MHz	dB / 100 ft	dB / 100 m
0.051	0.28	0.90
1.024	0.64	2.10
4.224	1.25	4.10
17.184	2.59	8.50
34.368	3.20	10.50
70	4.45	14.60
210	7.47	24.50

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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.

Document: FLEX – 3/75  
 Revision: 10.18.2005  
 Page: 2 of 2

**uncontrolled copy**  
 All Rights Reserved,  
 Specifications subject to change without notice