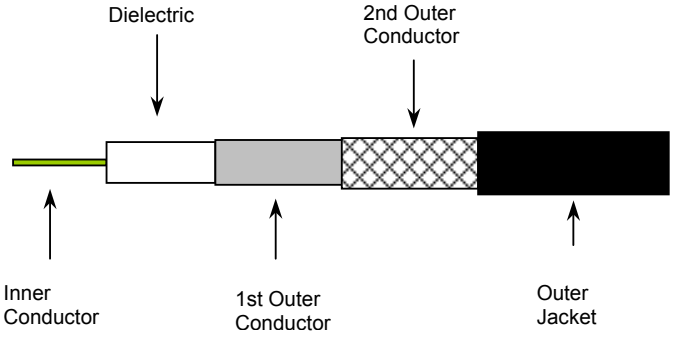
TFC/U-JIN Coaxial Cable Product Information Sheet
Type: TU-400 (CCA)



Series 400 Low-Loss Coaxial Cable
Copper-Clad Aluminum Conductor
Foamed Polyethylene Dielectric
Bonded APA Laminate Shield
98% Tinned Copper Braid
Black PE Jacket

Cable Ordering Information

Part Number	MI Number	NEC / CSA Listing	
TU-400 (CCA)	TU-1317	none	

Characteristics

Material	Detail	inches	mm
Inner Conductor	Copper-Clad Aluminum	0.108	2.74
Dielectric	Foamed Polyethylene	0.285	7.24
1st Outer Conductor	Sealed APA Tape	0.290	7.37
2nd Outer Conductor	98% Tinned Copper Braid	0.322	8.17
3rd Outer Conductor	---	---	---
4th Outer Conductor	---	---	---
Floodant	---	---	---
Jacket	PE, Black	0.406	10.30
Twisted Pairs	---	---	---
Messenger	---	---	---
Mechanical Specifications			
Minimum Bend Radius, in. (mm)		1.0	25.4
Product Weight	(less reel)	76.6 lbs /kft	114 kg/km

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Type: TU-400 (CCA)

Electrical Specifications		
Characteristic Impedance, Ω	50 ± 3	
Velocity of Propagation, %	85	
Capacitance, Nominal	23.8 pF/ft	78 pF/m
DC Resistance	Ω / kft	Ω / km
Inner Conductor	1.34	4.40
Outer Conductor	1.65	5.41
Loop	2.99	9.81

Notes:

Attenuation, Nominal @ 68 °F (20 °C)		
Frequency, MHz	dB / 100 ft	dB / 100 m
150	1.72	5.64
220	2.07	6.79
450	3.12	10.24
900	4.49	14.72
1500	5.86	19.21
1800	6.47	21.22
2000	6.91	22.66
2400	7.82	25.65

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