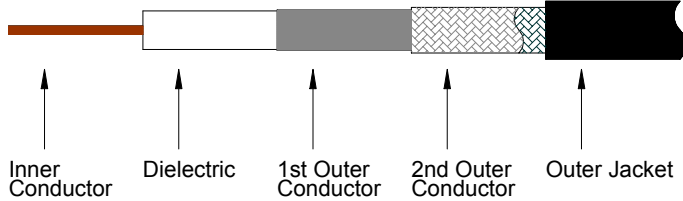


TFC Coaxial Cable Product Information Sheet

Type: TWB 4001



TWB 4001 Coaxial Cable
 Copper Clad Aluminum Conductor
 Foamed Polyethylene Dielectric
 Bonded APA Laminate Shield
 90% Tinned Copper Braid
 Black Polyethylene Jacket

Cable Ordering Information

Part Number	MI Number	NEC / CSA Listing
TWB 4001	924402216	none

Characteristics

Material	Detail	inches	mm
Inner Conductor	Copper Clad Aluminum	0.1090	2.77
Dielectric	Foamed Polyethylene	0.285	7.24
1 st Outer Conductor	Sealed APA Tape	0.292	7.42
2 nd Outer Conductor	90% Tinned Copper Braid	0.317	8.05
3 rd Outer Conductor	---	---	---
4 th Outer Conductor	---	---	---
Floodant	---	---	---
Jacket	Polyethylene, Black	0.405	10.29
Twisted Pairs	---	---	---
Messenger	---	---	---

Mechanical Specifications

Minimum Bend Radius, in. (mm)		1.00	(25.40)
Product Weight	(less reel)	69 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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TFC Coaxial Cable Product Information Sheet

Type: TWB 4001

Electrical Specifications		
Impedance, Ω	50 \pm 2	
Velocity of Propagation, %	85	
Capacitance, Nominal	22.5 pF/ft	73.8 pF/m
DC Resistance	Ω / kft	Ω / km
Inner Conductor	1.39	5
Outer Conductor	1.65	5
Loop	3.0	10

Notes:

Attenuation, Maximum @ 68 °F (20 °C)		
Frequency, MHz	dB / 100 ft	dB / 100 m
30	0.70	2.30
50	0.90	2.95
150	1.50	4.92
220	1.80	5.91
450	2.70	8.86
900	3.90	12.80
1500	5.10	16.73
2000	6.00	19.69
2500	6.80	22.31

Average Power Rating @ 104°F (40 °C) Ambient VSWR 1.0, Inner Conductor Temperature @ 100 °C	
Frequency, MHz	kW
30	3.30
50	2.60
150	1.50
220	1.20
450	0.83
900	0.58
1500	0.44
2000	0.37
2500	0.33

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