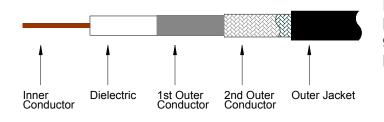
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TFC Coaxial Cable Product Information Sheet Type: TWB 4001



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		1	
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 ± 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	

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					

Notes:

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