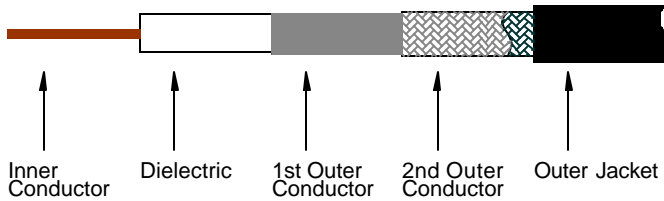


Product Information

T58SC85T-EB



Series 58 Type Coaxial Cable (Low Loss)

Copper Conductor
Foamed Polyethylene Dielectric
Bonded APA Laminate Shield
85% Tinned Copper Braid
Black Polyethylene Jacket

Cable Ordering Information

Part Number	MI Number
T58SC85T-EB	021AC

Characteristics

Material Specifications		
Inner Conductor	Copper	
Dielectric	Foamed Polyethylene	
1 st Outer Conductor	Sealed APA Tape	
2 nd Outer Conductor	85% Tinned Copper Braid	
Jacket	Polyethylene, Black	
Physical Specifications		
	inches	(mm)
Inner Conductor	0.0403	1.02
Dielectric	0.114	2.90
1 st Outer Conductor	0.121	3.07
2 nd Outer Conductor	0.146	3.71
Jacket	0.195	4.95

Environmental Specifications		°C
Operating Temperature	-40 to +85	

Mechanical Specifications		
	inches	(mm)
Bend Radius, min	0.50	12.70

Electrical Specifications

Impedance, Ω	50 \pm 5	
Velocity of Propagation, %	80	
Capacitance, Nominal	25.5 pF/ft	83.7 pF/m
DC Resistance	Ω / kft	Ω / km
	Inner Conductor	6.4
	Outer Conductor	8.4
	Loop	14.8

Attenuation, Maximum @ 68°F (20°C)

Frequency, MHz	dB / 100 ft	dB / 100 m
30	1.99	6.53
50	2.54	8.33
100	3.52	11.55
200	4.90	16.08
400	6.91	22.67
500	7.71	25.30
700	9.15	30.02
900	10.40	34.12
1000	10.97	35.99
1200	12.07	39.60
1400	13.03	42.75
1600	13.93	45.70
1800	14.84	48.69
2000	15.70	51.51
2500	17.55	57.58