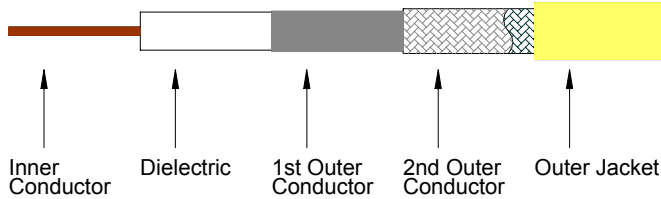


Product Information

T316MSTCSPPD90T-105VC



RG 316A Modified Coaxial Cable (Low Loss)

Stranded Copper Clad Steel Conductor
Solid Polypropylene Dielectric
APA Laminate Shield
90% Tinned Copper Braid
Natural 105C PVC Jacket

Cable Ordering Information

Part Number	MI Number
T316MSTCSPPD90T-105VC	025FG

Characteristics

Material Specifications		
Inner Conductor	Stranded Copper Steel	
Dielectric	Solid Polypropylene	
1 st Outer Conductor	APA Tape	
2 nd Outer Conductor	90% Tinned Copper Braid	
Jacket	PVC, 105C, Natural	
Physical Specifications		
	inches	(mm)
Inner Conductor	0.0195	0.50
Dielectric	0.062	1.57
1 st Outer Conductor	0.067	1.70
2 nd Outer Conductor	0.083	2.11
Jacket	0.108	2.74

Environmental Specifications		°C
Operating Temperature	-40 to +105	

Mechanical Specifications		inches	(mm)
Bend Radius, min	0.250	6.35	

Electrical Specifications		
Impedance, S	50 " 5	
Velocity of Propagation, %	67	
Capacitance, Nominal	30.3 pF/ft	99.5 pF/m
DC Resistance	S / kft	S / km
Inner Conductor	93.3	306
Outer Conductor	8.8	29
Loop	102.1	335

Attenuation, Maximum @ 68EF (20EC)		
Frequency, MHz	dB / 100 ft	dB / 100 m
1	1.55	5.09
10	3.13	10.27
50	6.03	19.78
100	8.92	29.27
200	12.24	40.16
400	17.66	57.94
700	24.25	79.56
859	27.00	88.58
900	28.00	91.86
1000	30.35	99.57
1200	33.15	108.76
1400	36.79	120.70
1600	39.27	128.84
1800	42.23	138.55
2000	44.36	145.54
2500	49.60	162.73