



RoHS Complaint: YES

Construction Specifications		
Description	Material	Diameter (inch)
1. Inner Conductor	Silver Plated Copper Clad Steel	0.020
2. Dielectric	PTFE	0.065
3. Outer conductor	Copper foil	-
3. Overall Braid	Tin-Filled Copper	0.085

Mechanical Specifications	
Minimum Bend Radius	0.375 Inch
Weight	0.012 Lbs/ft

Environmental Specifications	
Operating Temperature Range	-55 to +200 Deg. C

Electrical Specifications	
Velocity of Propagation	70%
Time Delay	1.46 (nS/Feet)
Voltage Withstand	1500 VRMS
DC Resistance	
Inner Conductor	64.2 ohms/1000 feet
Outer Conductor	10.2 ohms/1000 feet
Impedance	50 ohms
Capacitance	29 pF/ft
Inductance	0.070 uH/ft

Date: 3-18-2008

Electronic Specifications		
Frequency (GHz)	Attenuation dB/100 feet	Avg. Power W
0.5	13.2	180
1	19.0	130
5	45.8	54
10	68.3	35
18	97.2	22
26.5	123.5	16
40	160.6	13
50	185.9	11

Notes applying to data sheet specifications:

Published specifications in this data sheet are typical performance values and are not measured on each cable lot. The published specifications are largely dependent upon cable construction and mechanical tolerances which is verified on each cable lot. This document is being provided for the purpose of reference only. evissap is a provider of finished and tested cable assemblies. evissap verifies performance by measuring and testing cable assemblies to data sheet specifications (standard product) or to mutually agreed to cable assembly performance specifications.