



Construction Specifications		
Description	Material	Diameter (inch)
1. Inner Conductor	Silver Plated Copper	0.036
2. Dielectric	LD-PTFE	0.098
3. Inner Shield	Silver Plated Copper Strip	0.105
4. Outer Shield	Silver Plated Copper Wire	0.124
5. Jacket	FEP	0.141

Mechanical Specifications	
Minimum Bend Radius	0.7"

Environmental Specifications	
Operating Temperature Range	-55 to +125 Deg. C

Electrical Specifications	
Frequency Range	DC – 40 GHz
Velocity of Propagation	81%
Impedance	50 ohms
Shielding Effectiveness:	<-90 dB

Date: 9-20-2009

Electronic Specifications		
Frequency (GHz)	Attenuation dB/feet	Max Power Handling (Average input power in Watts)
1.0	0.11	510
3.0	0.20	290
6.0	0.29	200
10.0	0.37	160
18.0	0.51	120
26.5	0.62	90
40.0	0.78	80

**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.

All Specifications subject to change without notice

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