



Construction and Specifications		
Description	Material	Diameter (mm)
1. Inner Conductor	Silver Plated Copper Clad Steel	0.51
2. Dielectric	PTFE	1.68
3. Outer Conductor	Tin Plated Copper	2.18

Mechanical Specifications	
Max. Allowed Bend Radius: installation	10 mm

Environmental Specifications	
Operating Temperature Range	-55 °C to +125 °C

Electrical Specifications	
Max. operating frequency	50.0 GHz
Velocity of Propagation	70%
Impedance	50 ohms
Shielding effectiveness	<-110 dB

Electronic Specifications		
Frequency (GHz)	Attenuation dB /100 FT	Power Handling (Avg input power in cW)
0.5	14	190
1.0	19	133.1332
5.0	46	57
10.0	68	39
18.0	95	28
26.5	119	22
40.0	152	17
50.0	175	15

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