



Construction and Specifications		
Description	Material	Diameter (inch)
1. Inner Conductor	Copper Clad Aluminum	0.075
2. Dielectric	Foamed PE	0.185
3. Outer conductor	Helical Corrugated Copper	0.252
4. Jacket	Fire Retardant PE (Color: Black)	0.291

Mechanical Specifications	
Max. Allowed Bend Radius: installation	1 inch
Max. Allowed Bend Radius: repeat	1.2 inch

Environmental Specifications	
Operating Temperature Range	-40 °C to +85 °C

Electrical Specifications	
Max. operating frequency	6 GHz
Velocity of Propagation	82%
Impedance	50 ohms
DC breakdown voltage	1600 volts
Peak power rating	6000 watts
Shielding effectiveness	>-120 dB
PIM @2x20watts)	165 dBc

Electronic Specifications		
Frequency (MHz)	Attenuation dB/100 feet	Average Power kW
100	1.80	1.23
500	4.12	0.50
1000	5.96	0.37
2000	8.69	0.26
3000	10.85	0.21
4000	12.75	0.17
5000	14.48	0.15
6000	16.1	0.14

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