



Construction and Specifications		
Description	Material	Diameter (mm)
1. Inner Conductor	Silver Plated Copper	3.48
2. Dielectric	LD PTFE	9.85
3. Inner Braid	Silver Plated Copper Strip	10.10
4. Outer Braid	Silver Plated Copper Wire	10.80
4. Jacket	FEP	12.20

Mechanical Specifications	
Max. Allowed Bend Radius: installation	61 mm
Max. Allowed Bend Radius: dynamic	122 mm

Environmental Specifications	
Operating Temperature Range	-55 °C to +165 °C

Electrical Specifications	
Max. operating frequency	10.0 GHz
Velocity of Propagation	83%
Impedance	50 ohms
Shielding effectiveness	<-90 dB

Electronic Specifications		
Frequency (GHz)	Attenuation dB /100 meters	Power Handling (Avg input power in KW)
0.3	5.6	5.3
0.5	7.3	4.1
0.8	9.3	3.2
1	10.5	2.9
2	15.2	1.9
3	18.9	1.6
4	22.1	1.4
6	27.7	1.1
8	32.5	0.9
10	36.9	0.8

**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