



Construction and Specifications		
Description	Material	Diameter (mm)
1. Inner Conductor	Silver Plated Copper Wire	0.94
2. Insulation	Solid Extruded PTFE	3.00
3. Outer conductor	Tinned Soaked Copper Wire Braid	3.58
4. Jacket	CMP Plenum FEP	4.10

Mechanical Specifications	
Minimum single bend radius	8mm
Minimum bend radius repeat	40mm

Environmental Specifications	
Operating Temperature Range	-65 °C to 200 °C

Electrical Specifications	
Max. operating frequency	6 GHz
Velocity of Propagation	78%
Impedance	50 OHMS

Electronic Specifications

Frequency (GHz)	Attenuation dB/ meter	Average Power @ 20°C watts
0.4	0.25	670
1.0	0.41	425
2.0	0.60	300
3.0	0.77	245
4.0	0.90	210
5.0	1.02	190
6.0	1.13	170

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