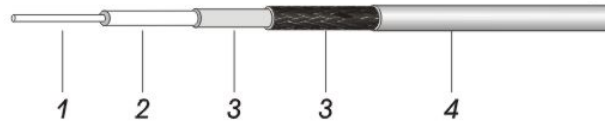


**RoHS Compliant: YES**



Construction and Specifications		
Description	Material	Diameter (inch)
1. Inner Conductor	Solid Copper Clad Steel	0.018
2. Dielectric	Solid PE	0.060
3. Inner Braid	Laminate Aluminum Foil	0.065
4. Outer Braid	Tinned Copper Wire Braid	0.081
5. Jacket	Black PE Jacket	0.110

Mechanical Specifications	
Minimum Bend Radius (Dynamic)	1.10 inch
Minimum Bend Radius (installation)	0.6 inch

Environmental Specifications	
Operating Temperature Range	-40 °C to +80 °C
UV Resistance	YES

Electrical Specifications	
Velocity of Propagation	66%
Impedance	50 ohms
Shielding Effectiveness:	<-90 dB

Electronic Specifications		
Frequency (MHz)	Attenuation dB/100 feet	Power Handling (Average input power in KWatts)
30	4.0	0.230
50	5.1	0.180
150	9.0	0.100
200	10.4	0.084
220	10.9	0.083
450	15.8	0.056
900	22.8	0.039
1500	30.1	0.029
1800	33.2	0.027
2000	35.2	0.025
2500	39.8	0.022
3000	44.1	0.020

**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

Date: 10-24-2021