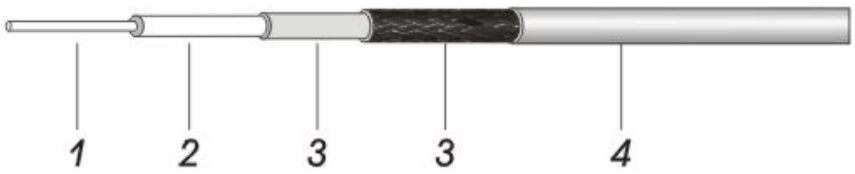

Construction Specifications		
Description	Material	Diameter (inch)
1. Inner Conductor	Bare Copper Clad Aluminum	0.108
2. Dielectric	Foam Polyethylene	0.285
3. Outer Conductor	Aluminum Tape	0.291
3. Overall Braid	Tinned Copper	0.320
4. Jacket	Black Polyethylene	0.405

Mechanical Specifications	
Minimum Bend Radius	1.0 Inch
Bending Moment	0.5 ft-Lbs
Weight	0.068 Lbs/ft
Tensile Strength	160 Lbs
Flat Plate Crush	40 Lb/Inch
Outdoor use	YES
UV Resistance	YES

Environmental Specifications	
Installation Temperature Range	-40/+85 Deg. C
Storage Temperature Range	-70/+85 Deg. C
Operating Temperature Range	-40/+85 Deg. C

Electrical Specifications	
Cutoff Frequency	16.2 GHz
Velocity of Propagation	85%
Voltage Withstand	2500 VDC
Peak Power	16 kW
DC Resistance	
Inner Conductor	1.39 ohms/1000 feet
Outer Conductor	1.65 ohms/1000 feet
Jacket Spark	8000 VRMS
Impedance	50 ohms
Capacitance	23.9pF/ft
Inductance	0.060 uH/ft
Shielding effectiveness	>90 dB
Phase Stability	<10 ppm/Deg. C

Electronic Specifications		
Frequency (MHz)	Attenuation dB/100 feet	Avg. Power kW
30	0.7	3.30
50	0.9	2.60
150	1.5	1.50
220	1.9	1.20
450	2.7	0.83
900	3.9	0.58
1500	5.1	0.44
1800	5.7	0.40
2000	6.0	0.37
2500	6.8	0.33
5800	10.8	0.21

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