

Model Number	CAF-11A
Catalog Number	BDA-CAF-11A
Product Description	½", Black Jacket, Foam Dielectric, 1/2" Corrugated Copper, UV Rated Outdoor 50 Ohm Coaxial
Dia. Over Outer Conductor	0.520"
Max. Diameter Over Jacket	0.62"
Center Conductor	Copper-Clad Aluminum
Outer Conductor	Corrugated Copper
Jacket Color	Black
Max. Freq.	8.8 GHz
Peak Power Rating	38 KW



DC Resistance	—
<i>Center</i>	0.48 Ohms/1,000 ft
<i>Outer</i>	0.82 Ohms/1,00 ft
Capacitance	23.2 pF/ft
Inductance	0.058 mH/ft
Jacket Spark	8 kV RMS
VSWR min	1.25 dB
VSWR typical 700-960 / 1700-2200 MHz	1.13 dB
Impedance	50 ± 1 Ω
Velocity of Propagation	88%
Min. Bend Radius - Single	3"
Min. Bend Radius - Multiple	5"
Cable Weight	0.14 lb/ft
Bending Moment	6.5 ft lb
Tensile Strength	247 lb
Rec. Install Temp.	-40° to 140°F
Rec. Storage Temp	-95° to 185°F
Rec. Operating Temp	-58° to 185°F
Standard Conditions	—
For Attenuation	VSWR 1.0, Amb. Temp. 68°F
For Average Power	VSWR 1.0, Amb. Temp. 104°F, Inner Conductor Temp. 212°F

Attenuation and Average Power		
Frequency MHz	Attn dB/100 ft	Avg Pwr. kW
100	0.66	3.93
450	1.44	1.80
500	1.52	1.69
600	1.67	1.55
700	1.81	1.43
800	1.95	1.33
900	2.07	1.25
960	2.15	1.21
1000	2.19	1.18
1500	2.73	0.95
1700	2.93	0.88
1800	3.02	0.86
1950	3.24	0.85