

<b>Product Description</b>	½", Corrugated, Unjacketed, Conforms to UL-444
<b>Model Number</b>	CAC-11A
<b>Catalog Number</b>	BDA-CAC-11A
<b>Center Diameter</b>	0.188"
<b>Center Conductor</b>	Copper-Clad Aluminum
<b>Outer Conductor</b>	Corrugated Aluminum
<b>Max. Freq.</b>	10 GHz
<b>Peak Power Rating</b>	35 KW
<b>DC Resistance</b>	—
<b>Center</b>	0.46 Ohms/1,000 ft
<b>Outer</b>	0.51 Ohms/1,00 ft
<b>DC Breakdown</b>	2 kV
<b>Capacitance</b>	22 pF/ft
<b>Inductance</b>	0.057 mH/ft
<b>VSWR min</b>	1.25 dB
<b>VSWR typical</b> 700-960 / 1700-2200 MHz	1.13 dB
<b>Velocity of Propagation</b>	94%
<b>Min. Bend Radius - Single</b>	2"
<b>Min. Bend Radius - Multiple</b>	5"
<b>Cable Weight</b>	0.082 lb/ft
<b>Bending Moment</b>	1 ft lb
<b>Tensile Strength</b>	250 lb
<b>Flat Plate Crush</b>	78 lb/in
<b>Number of Bends, min.</b>	15
<b>Rec. Install Temp.</b>	+5° to 194°F
<b>Rec. Storage Temp</b>	+5° to 194°F
<b>Rec. Operating Temp</b>	+5° to 194°F
<b>Standard Conditions</b>	—
<b>For Attenuation</b>	VSWR 1.0, Amb. Temp. 68°F
<b>For Average Power</b>	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	0.70	3.98
450	1.50	1.85
500	1.59	1.75
600	1.75	1.58
700	1.87	1.47
800	1.96	1.37
900	2.14	1.29
960	2.23	1.24
1000	2.30	1.21
1500	2.85	0.98
1700	3.05	0.98
1800	3.14	0.93
1950	3.24	0.85
2000	3.33	0.84
2100	3.42	0.82
2200	3.50	0.80
2300	3.59	0.78
2400	3.67	0.77
2500	3.75	0.75
2700	3.90	0.72
3000	4.14	0.68
3300	4.33	0.61
3400	4.45	0.60
4000	4.91	0.55
4900	5.61	0.50
5000	5.69	0.49
5200	5.92	0.48
5300	6.03	0.47
5600	6.37	0.46
5825	6.83	0.45