

<b>Model Number</b>	CAP-11A
<b>Catalog Number</b>	BDA-CABLE-10A
<b>Product Description</b>	½", Red, Corrugated (6 GHz), Jacketed, CMP, Conforms to NFPA-262, UL-444, Canadian CSA 22.2/FT6
<b>Center Diameter</b>	0.188"
<b>Dia. Over Outer Conductor</b>	0.550"
<b>Max. Diameter Over Jacket</b>	0.63"
<b>Center Conductor</b>	Copper-Clad Aluminum
<b>Outer Conductor</b>	Corrugated Aluminum
<b>Jacket Color</b>	Red
<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>Jacket Spark</b>	8 kV RMS
<b>VSWR min</b>	1.25 dB
<b>VSWR typical</b>	700-960 / 1700-2200 MHz 1.13 dB
<b>Impedance</b>	50 ± 2 Ω
<b>Velocity of Propagation</b>	94%
<b>Min. Bend Radius - Single</b>	2"
<b>Min. Bend Radius - Multiple</b>	5"
<b>Cable Weight</b>	0.13 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,



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

Inner Conductor Temp. 212°F

**Regulatory Compliance/  
Certifications** RoHS 2011/65/EU Compliant  
TL 9000 H-V *All Cables designed and manufactured  
under this quality management system*



Listed to UL-444:2017 Ed.5,  
CSA C22.2#314:2017 Ed.8