

Model Number	MR-CAP-11A
Catalog Number	BDA-MR-CAP-11A
Product Description	<i>1" Metal Clad (MC) Raceway Enclosed, Corrugated, Jacketed, CMP, ½" Plenum Coaxial Cable</i>
Center Diameter	0.188"
Dia. Over Outer Conductor	0.550"
Max. Diameter Over Jacket	0.63"
Center Conductor	Copper-Clad Aluminum
Outer Conductor	Corrugated Aluminum
Jacket Color	Red
Metal Raceway Type	Interlocked Aluminum
Metal Raceway Diameter	1"
Max. Freq.	10 GHz
Peak Power Rating	35 KW
Center	0.46 Ohms/1,000 ft
Outer	0.51 Ohms/1,00 ft
DC Breakdown	2 kV
Capacitance	22 pF/ft
Inductance	0.057 mH/ft
Jacket Spark	8 kV RMS
VSWR typical 700-960 / 1700-2200 MHz	1.13 dB
Impedance	50 ± 2 Ω
Velocity of Propagation	94%
Min. Bend Radius	7"
Cable Weight	0.26 lb/ft
Bending Moment	15 ft lb
Tensile Strength	150 lb
Clamp Spacing	5 ft
Rec. Operating Temp	+5° to 194°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
Regulatory Compliance/ Certifications	RoHS 2011/65/EU Compliant TL 9000 H-V <i>All Cables designed and manufactured under this quality management system</i>



Frequency MHz	Attn dB/100 ft
100	0.70
450	1.50
500	1.59
600	1.75
700	1.87
800	1.96
900	2.14
960	2.23
1000	2.30
1500	2.85
1700	3.05
1800	3.14
1950	3.24
2000	3.33
2100	3.42
2200	3.50
2300	3.59
2400	3.67
2500	3.75
2700	3.90
3000	4.14
3300	4.33
3400	4.45
4000	4.91
4900	5.61
5000	5.69
5200	5.92
5300	6.03
5600	6.37
5825	6.83



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