

CSA360

Super Flexible, Low-Loss,

Withstands Harsh Outdoor Environments RF Coaxial Cable

Ver: S-A01



Structure & Dimension

	Structure	Dimension (mm)	Material
1	Inner Conductor	0.72	Silver Plated Copper (Stranded)
2	Insulating	2.05	LD-PTFE
3	Outer Conductor	2.22	Silver Plated Copper Ribbon
4	Shielding	2.66	Silver Plated Copper
5	Jacket	3.60	PUR

Specification

1	Operating Frequency(GHz)	18
2	Impedance(Ohms)	50
3	Velocity of Propagation	76%
4	Voltage Withstand (V,DC)	2000
5	Shielding Effectiveness(dB)	≥90
6	Weight(g/m)	116
7	Single Bend Radius(mm)	40.00
8	Repeated Bend Radius(mm)	80.00
9	Temperature Range(°C)	-40~+85

Attenuation (Typical@25°C & VSWR=1.0) VS. Frequency VS. Power (VSWR=1.0; 40°C; Sea Level)

Frequency (MHz)	1000	2000	3000	6000	8000	10000	12400	18000	26500	40000
Attenuation (dB/m)	0.519	0.744	0.921	1.334	1.560	1.764	1.987	2.449	3.055	3.888
Average Power (KW)	0.119	0.083	0.067	0.046	0.040	0.035	0.031	0.025	0.020	0.016

$$K1=1.5829290$$

$$K2=0.0018060$$

$$\text{Calculate Attenuation} = K1*\sqrt{\text{FMHz}}+K2*\text{FMHz}$$



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