

CSA600

Super Flexible, Low-Loss,

Withstands Harsh Outdoor Environments RF Coaxial Cable

Ver: S-A01



Structure & Dimension

	Structure	Dimension (mm)	Material
1	Inner Conductor	1.44	Silver Plated Copper (Stranded)
2	Insulating	4.15	LD-PTFE
3	Outer Conductor	4.35	Silver Plated Copper Ribbon
4	Shielding	4.80	Silver Plated Copper
5	Jacket	6.00	PUR

Specification

1	Operating Frequency(GHz)	26.5
2	Impedance(Ohms)	50
3	Velocity of Propagation	76%
4	Voltage Withstand (V,DC)	1800
5	Shielding Effectiveness(dB)	≥90
6	Weight(g/m)	72
7	Single Bend Radius(mm)	30.00
8	Repeated Bend Radius(mm)	60.00
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
Attenuation (dB/m)	0.287	0.412	0.509	0.736	0.860	0.971	1.092	1.343	1.672
Average Power (KW)	0.175	0.122	0.099	0.068	0.059	0.052	0.046	0.037	0.030

$$K1=0.8806000$$

$$K2=0.0009000$$

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



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