

# CSA600

Super Flexible, Low-Loss,  
Resistance to Harsh Environment Coaxial Cable



## Structure & Dimension

	Structure	Dimension (mm)	Material
1	Inner Conductor	1.44	Silver Plated Copper ( (Multi-fiber Stranded) )
2	Insulating	4.25	LD-PTFE
3	Outer Conductor	4.45	Silver Plated Copper Ribbon
4	Shielding	4.90	Silver Plated Copper
5	Jacket	5.90	PUR

## Specification

1	Operating Frequency (GHz)	26.5
2	Impedance (Ohms)	50
3	Phase Stability	$\leq \pm 4^\circ$ @18GHz; $\leq \pm 5^\circ$ @26.5GHz
4	Phase Stability (Temperature )	$< 1300\text{PPM}$ @-55°C~+85°C
5	Amplitude Stability	$\leq \pm 0.1\text{dB}$ @18GHz
6	Velocity of Propagation	76%
7	Voltage Withstand (V, DC)	1700
8	Shielding Effectiveness (dB)	$> 90$
9	Weight (g/m)	82
10	Single Bend Radius (mm)	30.00
11	Reaped Bend Radius (mm)	60.00
12	Temperature Range (°C)	-55~+85

## Attenuation VS. Frequency VS. Power

Frequency (MHz)	1000	2000	4000	6000	8000	10000	12400	18000	26500
Attenuation (dB/m)	0.287	0.412	0.593	0.736	0.860	0.971	1.092	1.343	1.672
Average Power (KW)	0.175	0.122	0.085	0.068	0.059	0.052	0.046	0.037	0.030



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