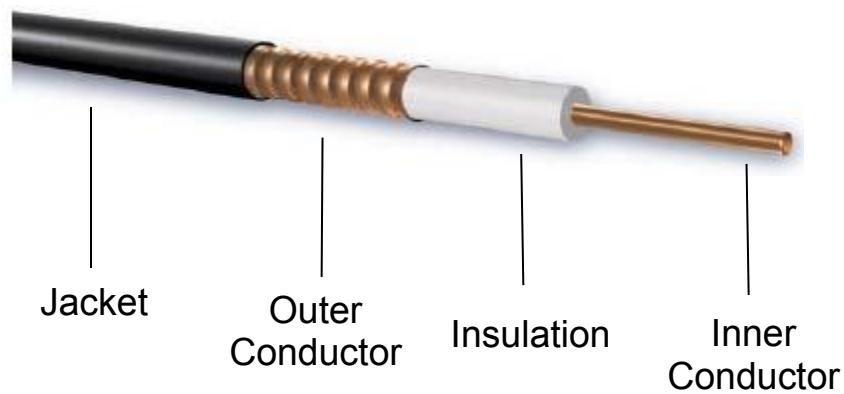


1/2" Flexible Type Coaxial Cable



Model: 1/2' S

Construction		
Inner conductor	Material	CCA
	Diameter	3.60 mm
Outer conductor	Material	Helical corrugated copper tube
	Diameter	12.0 mm
Insulation	Material	Foamed PE
	Diameter	9.6 mm
Jacket	Material	Fire-retardant PE
	Min. thickness	> 0.7 mm
	Diameter	13.4 mm

Electrical specifications	
Characteristic impedance	50 Ω
Capacitance	82 p F/m
Velocity	83 %
DC Test Voltage	2500 V
Insulation resistance	100,000 MΩ / km
Peak power rating	15.6 KV
Jacket Spark Test Voltage	5000 rms, V
Max. Operating Frequency	10.2 GHz

Mechanical specifications

Bending radius	Single bend	20 mm
	Repeated bend	55 mm
Tensile strength		700 N
Recommended temperature	Storage	-40 ~ +80 °C
	Installation	-35 ~ +60 °C
	Operating	-40 ~ +80 °C

Notes: Products meet the Rohs requirements, and according to the requirements of Rohs, you can see the Rohs mark on the outside package.

Attenuation and Average power (Maximum attenuation value shall be 105% of the nominal attenuation value)

Frequency(MHz)	Attenuation (@20°C, dB/100mts)	Average power(KW)
200	4.91	2.16
450	7.59	1.39
800	10.43	1.01
900	11.2	0.95
1000	11.82	0.89
1500	14.91	0.71
1800	16.57	0.64
2000	17.62	0.60
2200	18.64	0.57
2500	20.11	0.53
2700	21.06	0.50
3000	22.40	0.46

VSWR

800MHz ~ 1000MHz	≅ 1.10
1700MHz ~ 2500MHz	≅ 1.13
2500MHz ~ 3000MHz	≅ 1.15