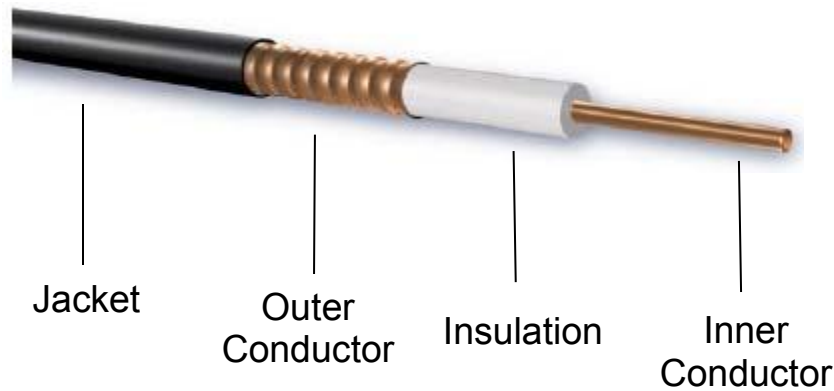


1/2" Rigid Type Coaxial Cable



Model: 1/2' R

Construction		
Inner conductor	Material	CCA
	Diameter	4.80 mm
Outer conductor	Material	Annular corrugated copper tube
	Diameter	13.8 mm
Insulation	Material	Foamed PE
	Diameter	12.3 mm
Jacket	Material	LLDPE
	Min. thickness	> 0.9 mm
	Diameter	15.7 mm

Electrical specifications	
Characteristic impedance	50 Ω
Capacitance	76 p F/m
Velocity	88 %
Dielectric strength	6.0 KV
Insulation resistance	> 1 × 10 ⁴ MΩ/km
Peak power rating	40 KV
Peak voltage	1800 V
Cut-off Frequency	10.0 GHz

Mechanical specifications

Bending radius	Single bend	50 mm
	Repeated bend	125 mm
Tensile strength		1050 N
Cable weight		215 kg/km
Recommended temperature	Storage	-70 ~ +85 °C
	Installation	-40 ~ +60 °C
	Operating	-55 ~ +85 °C

- 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(KV)
200	3.10	2.44
450	4.75	1.59
800	6.46	1.17
900	6.87	1.10
1000	7.28	1.04
1500	9.09	0.84
1800	10.10	0.75
2000	10.70	0.71
2200	11.25	0.68
2500	12.10	0.62
3000	13.40	0.56

VSWR

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

Notes:

For fire-retardant jackter cable, recommended temperature:

Storage: -30°C~+80°C

Installation: -25°C~+60°C

Operating temperature: -30°C~+80°C