

ET-X59S-01

RG59 Coaxial Cable



Product overview

RG59 coaxial cable meets the standard: RG, and the maximum working frequency is dc-1ghz. RG59 is mainly used in radio frequency, closed-circuit television, television transmission audio, video and other fields. Rg-59 coaxial cable is 750hm flexible coaxial cable

Construction

Conductor	Material	CCS
	Diameter	0.81mm ± 0.02 mm
	Wire Gauge	20 AWG
Insulation	Material	FPE
	Diameter	3.66 mm ± 0.2 mm
AL Foil	Construction	With Foil
	Material	APG
	Width	14 mm
	thickness	> 0.024 mm
	Overlap Rate	≥ 20%
Braid	Material	CCA
	Diameter	0.12 mm
	Braid Coverage	60% - 98%
Jacket	Material	PVC
	Diameter	6.1 mm ± 0.5 mm

Packing

Package length	100m / 300m / 500m
	Customized
Box type	Ordinary / Waterproof
	Customized optional

Test Data

Dielectric Strength	Not breakdown with 2kV DC for 1 min
Sheath Strength	Not breakdown with 3kV
Characteristic Resistance	75Ω ± 5Ω
Insulation Resistance	5000MΩ/km
Elongation at Break (Wire)	≥ 15%
Elongation at Break (Sheath)	≥ 150%
Low Temperature Bending	Not cracked
Thermal Shock	Not cracked
Operating Temperature	- 20°C to +60°C (-4°F to 140°F)
Storage Temperature	- 10°C to +40°C (14°F to 104°F)

Certifications and Standards

Certification	CPR Eca
Executive Standards	Q/DXJ 194-2020

Technical Test [Attenuation @68°F(20°C)]

Frequency(MHZ)	Maximum(dB/100ft)	Maximum(dB/100m)
5	0.86	2.82
55	2.05	6.73
187	3.60	11.81
300	4.45	14.60
450	5.40	17.72
600	6.20	20.34
750	6.98	22.87
865	7.52	24.67
1000	8.13	26.64
1200	8.97	29.40
1450	9.89	32.41
1800	11.81	38.72
3000	14.30	46.90