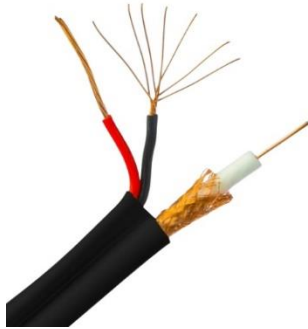


ET-X59S2PA-01

RG59 with Power CCTV Cable



Product overview

RG59 with power CCTV cable is used for the data transmission and function of CCTV camera. The addition of power cord on the basis of RG59 coaxial cable will reduce the repeated wiring steps when installing CCTV camera, optimize the installation method and improve the installation efficiency.

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
Braid	Overlap Rate	≥ 20%
	Material	CCA
	Diameter	0.12 mm
Jacket	Braid Coverage	60% - 98%
	Material	PVC
Power Conductor	Diameter	6.1 mm ± 0.3 mm
	Material	CCA
Power Insulation	Diameter	7 x (0.3 mm ± 0.02 mm)
	Material	HDPE
Power Jacket	Diameter	2 x (1.6 mm ± 0.02 mm)
	Material	PVC
Power Jacket	Diameter	3.2 mm ± 0.3 mm
	Material	PVC

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