

ET-K7C2PA-01

KX7 with Power CCTV Cable



Product overview

KX7 with power CCTV cable is used for the data transmission and function of CCTV camera. The addition of power cord on the basis of KX7 coaxial cable will reduce the repeated wiring steps when installing CCTV camera, optimize the installation method and improve the installation efficiency.

Construction

Conductor	Material	BC
	Diameter	7 x (0.2mm ± 0.02 mm)
Insulation	Material	SPE
	Diameter	3.7 mm ± 0.2 mm
AL Foil	Construction	With Foil
	Material	APG
	Width	14 mm
	thickness	> 0.024 mm
	Overlap Rate	≥ 20%
Braid	Material	CU / CCA
	Diameter	0.12 mm
	Braid Coverage	60% - 98%
Jacket	Material	PVC
	Diameter	6.1 mm ± 0.3 mm
Power Conductor	Material	CCA
	Diameter	7 x (0.3 mm ± 0.02 mm)
Power Insulation	Material	HDPE
	Diameter	2 x (1.6 mm ± 0.02 mm)
Power Jacket	Material	PVC
	Diameter	3.5 mm ± 0.3 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)
10	1.50	5.00
50	2.43	8.10
100	3.90	13.00
200	5.56	18.50
400	6.76	22.50
850	10.36	34.50
950	11.26	37.50
1000	13.51	45.00