

RA-K8C2PA-WS

KX8 with Power CCTV Cable



Product overview

Kx8 with power CCTV cable is the communication and power supply cable used in the security camera monitoring system. Kx8 with power CCTV cable upgrades the thicker copper conductor on the basis of kx7 with power CCTV cable, and some other parameter details have also been upgraded. The interference is reduced and the transmission quality is improved. Kx8 with power CCTV cable is a high-quality CCTV camera cable

Construction

Conductor	Material	BC
	Diameter	7 x (0.4mm ± 0.02 mm)
Insulation	Material	SPE
	Diameter	7.42 mm ± 0.2 mm
AL Foil	Construction	With Foil
	Material	APG
	Width	26 mm
	thickness	> 0.024 mm
	Overlap Rate	≥ 10%
Braid	Material	CU / CCA
	Diameter	0.12 mm
	Braid Coverage	60% - 98%
Jacket	Material	PVC
	Diameter	10.3 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)
Out Jacket	Material	PVC / PE
	Diameter	13.3 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	0.69	2.3
50	1.29	4.3
100	1.98	6.6
200	2.85	9.5
400	4.18	13.8
700	5.70	19.0
900	6.69	22.3
1000	7.00	23.3