

RA-K7C-WS

KX7 Coaxial Cable



Product overview

KX7 cable is generally used for indoor CATV antenna TV, or distribution cable for video communication. Of course, KX7 is also suitable for application scenarios with low demand attenuation. such as satellite system connection cables, etc.

Construction

Conductor	Material	BC
	Diameter	7 x (0.2mm ± 0.02 mm)
Insulation	Material	SPE
	Diameter 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
	Diameterr	0.12 mm
	Braid Coverage	60% - 98%
Jacket	Material	PVC
	Diameter	6.1 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