

ET-X7C-01

RG7 Coaxial Cable



Product overview

Rg7 coaxial cable has excellent performance in low loss at high frequency for cable television, satellite television and cable modems. Hangzhou right angle Cable Technology Co., Ltd. specializes in producing Rg7 coaxial cable. Mass production helps you reduce costs.

Construction

Conductor	Material	BC
	Diameter	1.29mm ± 0.02 mm
	Wire Gauge	16 AWG
Insulation	Material	FPE
	Diameter	5.72 mm ± 0.2 mm
AL Foil	Construction	With Foil
	Material	AP
	Width	22 mm
	thickness	> 0.024 mm
	Overlap Rate	≥ 20%
Braid	Material	AL
	Diameter	0.12 mm
	Braid Coverage	60% - 98%
Jacket	Material	PVC
	Diameter	8.1 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	0.47	1.54
55	1.25	4.1
211	2.36	7.74
250	2.56	8.4
270	2.68	8.78
300	2.82	9.25
330	2.96	9.72
350	3.05	10.01
400	3.27	10.73
450	3.46	11.35
500	3.67	12.04
550	3.85	12.63
600	4.05	13.28
1000	5.32	17.45
1200	5.87	19.23
1750	7.05	23.10
2150	7.79	25.54



Zhejiang Etrolink Industrial Co., Ltd