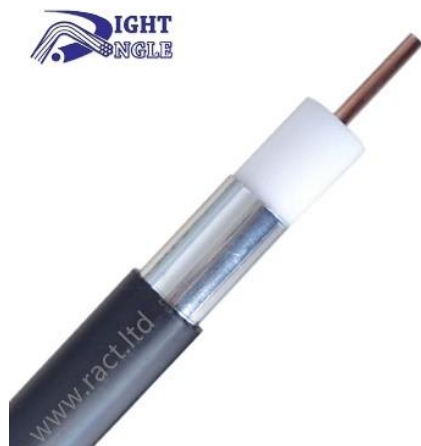


# RA-XF500A-WS

QR500 Coaxial Cable



## Product overview

QR500 cable aluminum tube cable refers to the physically foamed coaxial argon arc welding aluminum tube cable produced in the standard GY/T135-1998, which is widely used in satellite and television cables, including cable television, digital television, closed-circuit television, video transmission, security system and satellite television. Trunk cable, branch distribution cable.

## Construction

Inner conductor	Material	CCA
	Diameter	2.77 mm ± 0.02 mm
Insulation	Material	FPE
	Diameter	11.43 mm ± 0.2 mm
Outer conductor	Material	SEAT
	Diameter	12.70 mm ± 0.02 mm
Jacket	Material	PE
	Diameter	14.20 mm ± 0.3 mm

## Packing

Package length	350m / 500m / 750m
	Customized
Box type	Wooden drum
	Customized

## Test Data

Dielectric Strength	Not breakdown with 2kV DC for 1 min
Sheath Strength	Not breakdown with 3kV
Characteristic Resistance	75 Ω ± 5 Ω
Insulation Resistance	5000MΩ/km
Single Bending Radius	70 mm
Repeated Bending Radius	125 mm
Low Temperature Bending	Not cracked
Thermal Shock	Not cracked
Inner Conductor Resistance	≤ 1.48 Ω/km
Velocity	88 %

## Certifications and Standards

Certification	CPR Eca
Executive Standards	GY/T135-1998

## Technical Test [Attenuation @68°F(20°C)]

Frequency(MHZ)	Maximum(dB/100ft)	Maximum(dB/100m)
5	0.16	0.52
55	0.55	1.80
250	1.20	3.94
300	1.31	4.30
350	1.43	4.69
400	1.53	5.02
450	1.63	5.35
500	1.73	5.67
550	1.82	5.97
600	1.92	6.30
750	2.17	7.12
870	2.34	7.69
1000	2.53	8.30