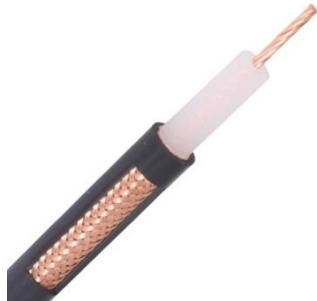


# ET-X213C-01

RG213 Coaxial Cable



## Product overview

Rg213 is suitable for radio communication and amateur radio, EMC test antenna cable. Generally, the loss is lower than that of RG58

## Construction

Conductor	Material	BC
	Diameter	7 × ( 0.752 mm ± 0.02 mm )
	Wire Gauge	13 AWG
Insulation	Material	SPE
	Diameter	7.25 mm ± 0.1 mm
Braid	Material	CU (Customized optional: CCA )
	Braid Coverage	60% - 98%
Jacket	Material	PVC (Customized optional: PE/PVC+PE/LSZH)
	Diameter	10.3 mm ± 0.3 mm

## Packing

Package length	100m / 300m / 500m
	Customized
Box type	Ordinary / Waterproof
	Customized optional

## Test Data

Operating Frequency	1 GHz
Velocity of propagation	66 %
Screening effectiveness	≥ 40 dB (up to 1 GHz)
Max. operating voltage	≤ 0.85 kVrms (at sea level)

Capacitance	101 pF/m. max
Insulation resistance	≥ 1 × 10 <sup>8</sup> MΩm
Characteristic Resistance	50Ω ± 2Ω
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)

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

Frequency(MHZ)	Maximum(dB/100ft)	Maximum(dB/100m)
1	0.2	0.7
10	0.6	2.0
50	1.6	5.2
100	2.2	7.2
200	3.3	10.8
400	4.8	15.7
700	6.6	21.6
900	7.7	25.3
1000	8.3	27.2