

NEW COMPUTER TECHNOLOGY SYSTEMS (NCTS) LIMITED COMPANY

新计算机科技系统 (NCTS) 有限公司

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COAXIAL CABLE NCTS-RG59

RG59 Coaxial cable is designed for low-power video and RF signal connections, and also often used at baseband video frequencies, such as composite video. The cable has a characteristic impedance of 75 ohms, and does not keep a high Gigahertz level. so it cant use over long distance duo to its high-frequency losses. RG59 coaxial cable is most common in consumer settings such as with VCRs, Television, digital cable, and satellite.

SPECIFICATIONS:

Conductor	BC/Copper Clad Steel(CCS 23%)
Conductor Dia.	20AWG
Insulation	FPE
Insulation Dia.	3.66 mm
Shielding	Aluminium Foil
Braid Shielding	CCA/AL
Braid Coverage Area (%)	60%-100%
Jacket	PVC
Jacket Dia	6.0±0.2mm
Colors	Optional
Length& Package	100/200 with PE film Packing
	305m/500m with wooden reel packing

ELECTRICAL CHARACTERISTICS FOR RG59:

Max.DC Inner Conductor Resistance	320 Ohm/km
Max.DC Outer Conductor Resistance	45 Ohm/km
Characteristic Impedance	75 ±3Ω
Nom. Mutual Capacitance	68 pf/m
Velocity Radio	66%
Dielectric Strength	1000 vac
Min. Insulation Resistance	0000 MOhms*km
Operating Voltage	300V

Coaxial cable signal (Attenuation)Loss per 100 ft

Frequency(MHz)	Max.Attenuation(db/100ft)
1 MHZ	0.4db
10 MHZ	1.4db
50MHZ	3.3db
100 MHZ	4.9db
200 MHZ	7.3db
400MHZ	11.2db
700 MHZ	16.9db
900 MHZ	20.1db
1000MHz	21.5db