

NEW COMPUTER TECHNOLOGY SYSTEMS (NCTS) LIMITED COMPANY

新计算机科技系统 (NCTS) 有限公司

深圳市龙岗区布吉诚信华庭2栋6B

www.ncts.co

COAXIAL CABLE NCTS-RG6 WITH POWER CABLE

RG6 with power cable is used in a wide variety of residential and commercial applications. It has a characteristic impedance of 75 ohms, and it is most used for HDTV, Cable Television and Security Camera Systems. RG-6 cables are also used in professional video applications, carrying either baseband analog video signals or serial digital interface (SDI) signals.

SPECIFICATIONS:

Conductor A8:B26A8:C27A8:B26A8:BA8:B25	BC/Copper Clad Steel (CCS 23%)
Conductor Dia.	Solid 18AWG
Insulation	FPE
Insulation Dia.	4.7 mm
Shielding	Aluminium Foil
Braid Shielding	CCA/AL
Braid Coverage Area (%)	60%-100%
Jacket	PVC
Jacket Dia	6.8mm
Power Cable	
Conductor Material	BC/CCA
Insulation	PVC
Conductor Size	2x0.5mm / 2x0.75mm / 2x1.5mm
Jacket	PVC
Jacket Dia	4.0mm
Colors	Optional
Length & Package	100/200 with PE film Packing
	305m/500m with wooden reel packing

ELECTRICAL CHARACTERISTICS FOR RG6:

Max. DC Inner Conductor Resistance	121 Ohm/km
Max. DC Outer Conductor Resistance	45 Ohm/km
Characteristic Impedance	52±2Ω
Nom. Mutual Capacitance	53.15pf/m
Velocity Ratio	82%
Dielectric Strength	1000 vac
Min. Insulation Resistance	10000 MOhms*km
Operating Voltage	300V
Coaxial cable signal (Attenuation) Loss per 100 ft	
Frequency (MHz)	Max. Attenuation (db/100 ft)
1 MHz	0.2db
10 MHz	0.6db
50 MHz	1.4db
100 MHz	2.0db
200 MHz	2.8db
400 MHz	4.3db
700 MHz	5.6db
900 MHz	6.0db
1000 MHz	6.1db

ELECTRICAL CHARACTERISTICS FOR POWER CABLE :

Type	Max. DC Inner Conductor Resistance
2x0.5mm	36 Ohm/km
2x0.75mm	24 Ohm/km
2x1.5mm	14 Ohm/km