

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-RG58

RG58 Coaxial cable is designed for low-power video and RF signal connections, It has a characteristic impedance of either 50 or 52 Ω . and often used as a generic carrier of signals in laboratories, combined with [BNC connectors](#) that are common on test and measurement equipment such as oscilloscopes.

SPECIFICATIONS:

Conductor	Bare Copper (standard /solid)
Conductor Dia.	19x0.18mm/0.5mm
Insulation	FPE/SPE
Insulation Dia.	2.9 mm
Shielding	Aluminium Foil
Braid Shielding Material	CCA/AL
Braid Coverage Area (%)	60%-100%
Jacket	PVC
Jacket Dia	5.0mm
Colors	Optional
Length& Package	100/200 with PE film Packing
	305m/500m with wooden reel packing

ELECTRICAL CHARACTERISTICS FOR RG58:

Max.DC Inner Conductor Resistance	320 Ohm/km
Max.DC Outer Conductor Resistance	45 Ohm/km
Characteristic Impedance	50 \pm 2 Ω
Nom. Mutual Capacitance	105.6 pf/m
Velocity Radio	66%
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/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