

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-RG11 DATA SHEET

RG11 coaxial cable is more thick conductor than other video cables to give more room to transfer signal and provide more higher speeds ,Its excellent attenuation feature and low signal loss. and also offers unsurpassed performance in audio&video applications such as CATV ,CCTV ,Satellite ,HDTV ,TV Antenna and distribution.

SPECIFICATIONS:

Conductor	BC/Copper Clad Steel(CCS 23%)
Conductor Dia.	1.63 ±0.05
Insulation	Foamed PE
Insulation Dia.	7.2 ±0.01
Shield	Aluminium Foil
Braid Shielding	CCA/AL
Braid Coverage Area (%)	60%-100%
Jacket	PVC
Jacket Dia	10.5 mm
Colors	Optional
Length& Package	100/200 with PE film Packing
	305m/500m with wooden reel packing

ELECTRICAL CHARACTERISTICS FOR RG11:

Max.DC Inner Conductor Resistance	205 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	0.2db
10 MHZ	0.4db
50MHZ	1.0db
100 MHZ	1.6db
200 MHZ	2.3db
400MHZ	3.5db
700 MHZ	4.7db
900 MHZ	5.4db
1000MHz	5.6db