



Chinmore Industry Co., Ltd.

RG58U Cable Specification

Configuration:RG58U 1/0.813B*1C+B16/5/0.10B OD:5.0MM JACKET PVC BLACK		
Component		1COAX
Conductor	Constitution(AWG/mm)	1/0.813+/-0.008
	Material	BARE COPPER
	Cabling OD(mm)	0.813
Insulation	NO of wire	1C
	Material	LD-PE
	OD(mm)	2.90±0.10
	Thickness(mm)	1.0(REF)
	Color	NATURAL
Braid	Constitution N/mm	16/5/0.10B
	Material	BARE COPPER
	Coverage (%)	65%
Jacket	OD (mm)	5.0±0.20
	Material	PVC
	Thickness (mm)	0.70(REF)
	Marking	RG-58/U COAXIAL CABLE
	Hardness(A)	SHORE.A 83±3 (55P)
	Color	BLACK (COLOR CODE BK0003C)
Working Temp.	-40°C ~+85°C	
Style	NOUL	
Electric characters:		Physical Characters:
<ol style="list-style-type: none"> Sprak test: AC-1500V/In the air Dielectric strength: AC-500V / MIN Insulation resistance: LD-PE DC-500V 100MΩ /KM MIN at 20°C Conductor resistance: 33Ω /KM MAX at 20°C Impedance: 50 ohm 		<ol style="list-style-type: none"> Tensile strength test are before aging: JACKET:1500 PSI min Aged:70% min Elongation before aging :JACKET: 100% min Aged :65% min

Attenuation of cable

Frequency (MHz)	Attenuation(dB/1M)
600	-0.47
900	-0.65
1575	-0.91
1800	-0.97
2000	-1.01
2100	-1.05
2400	-1.17
2700	-1.21
3000	-1.34

V.S.W.R.

Frequency (MHz)	Attenuation(1M)
600	1.06
900	1.10
1575	1.12
1800	1.22
2000	1.18
2100	1.25
2400	1.34
2700	1.30
3000	1.33

Return Loss

Frequency (MHz)	Attenuation(dB/1M)
600	-0.50
900	-0.70
1575	-1.01
1800	-1.11
2000	-1.15
2100	-1.20
2400	-1.38
2700	-1.41
3000	-1.49

