

Coaxial Cables RG 59/U 22 AWG BC

Description

HitekNOFAL RG 59/U 22 AWG BC cables are used to generate low-power video connections and to carry baseband video frequencies. The RG 59/U cable is used for generating short-distance communication, with 95% coverage of bare Copper braid shield and PVC jacket.

Physical Specifications

Number of conductor		1		
AWG		22		
Stranding		7x30		
Conductor material		Bare Copper		
Diameter (mm)		0.80		
Insulation	Material	Foam Polyethylene		
	Diameter	3.71 mm		
Outer shield material	Layer 1	Bare Copper	Type Braid	Coverage 95%
Outer jacket		PVC		

Mechanical Specifications

Operating temp.	-40 to + 80° C
Installation temp.	0 to + 70° C
Max. Pulling tensile	289 N
Min. Bend Radius	63.5 mm

Electrical Specifications

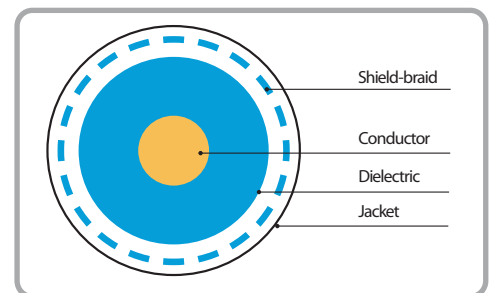
Nom. characteristic impedance	75 Ω
Nom. Inductance	0.295 μh/m
Max. capacitance conductor to shield	53.15 pF/m
Nom. velocity of propagation	78%
Nom. Delay	4 ns/m
Nom. Conductor DC resistance at 20° C	9.2 Ω/100 m
Nom. Outer Shield DC resistance at 20° C	2.9 Ω/100 m
Max. Operating voltage	300 V RMS

Industry Standards

- RoHS
- UL

Performance Specifications

Freq. MHz	dB/100 m
1	0.98
5	2.13
10	2.95
100	9.84
200	14.76
400	21.65
700	28.21
900	33.13
1000	35.76



Ordering Information

Description	Part Number
Coaxial CATV Cable, RG 59/U, BC, BC Braid, PVC, 305 m	HN-01-0013
Coaxial CATV Cable, RG 59/U, BC, BC Braid, PVC, 500 m	HN-01-0014