



# Structured Cable Products®

Quality Installations Deserve Quality Products

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## SCP PART#: RG6/UQ-BC

### Description:

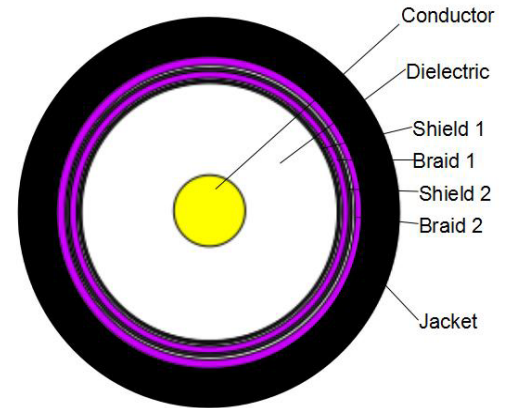
RG6/U QUAD SHIELD COAX 3.0 GHz 18 AWG BC,  
 60%/40% AL BRAID, UL CM, PVC JKT, BOX

### Regulatory:

Type (UL) CM,CMG  
 EU RoHS 2011/65 EU Compliant

### Application:

COAXIAL CABLE  
 Low Voltage Cable – Telecommunication power limited  
 not to exceed 80v



Part Number:	Cable Length:	Jacket Color:
RG6/UQ-BC-BK	1000FT/305M	Black
RG6/UQ-BC-BK-5	500FT/152.5M	Black
RG6/UQ-BC-WT	1000FT/305M	White
RG6/UQ-BC-WT-5	500FT/152.5M	White

### Construction Characteristics:

Conductor(RG6)	Material	Solid bare copper
	Size	18AWG X 1C
	Construction	1/1.02+/-0.004mm
Insulation	Material	FPE
	Min.Thickness	1.60mm
	AVG.Thickness	1.79mm
	Diameter	4.57+/-0.10mm
	Colors	Natural
Shield	Bonded AL-FOIL	Yes
	Braiding-1(0.16±0.005AL wire)	Coverage>60%
	Double AL-FOIL	Yes
	Braiding-2(0.16±0.005AL wire)	Coverage>40%
Jacket	Material	PVC
	Min.Thickness	0.75mm
	AVG.Thickness	0.84mm
	Diameter	7.2+/-0.20mm
	Colors	Black or White
Bend radius		Min 20D/145mm

### Electrical & Physical Characteristics:

Operating Temperature Range		- 20°C + 75°C	
Conductor Resistance		Max 25 ohm/kft at 20°C	
Dielectric Strength		Min AC2.0 KV	
Jacket	Unaged	Tensile Strenght	13.8Mpa
		Elongation	100%
	Aged	Tensile Strenght	11.7Mpa(100°C 168h)
		Elongation	50%(100°C 168h)

### Performance

ITEM	Attenuation MAX
Frequency	DB/100M
5	1.9
50	5.25
200	10.5
400	14.11
700	18.5
1000	22.97
1200	25.5
1800	32
2200	36
2500	39
3000	44.5

### Marking:

STRUCTURED CABLE PRODUCTS --- RG6/UQ-BC  
 --- RG6/U QUAD SHIELD 3.0 GHz 60% /40% AL  
 BRAID 18AWG BC E198134 SCP3 (UL) C(UL) CM  
 PVC JKT EU RoHS EC ZONE/DEVICE A B C D E  
 0 1 2 3 4 5 6 7 8 9 \*\*\*\*M

### Packaging - 1000FT/305M:

Approx.Weight	Approx.Dimension(mm)
15.5kgs/34.171lbs	470x490x260
Package	Packages per pallet
Box	16

### Packaging - 500FT/152.5M:

Approx.Weight	Approx.Dimension(mm)
8kgs/17.637lbs	418x258x405
Package	Packages per pallet
Box	30