

SCP PART#: RG6/UQ-CCS-BK-ETL

UPC: 817777014495

Description:

RG6/U QUAD SHIELD 3.0 GHz 18 AWG CCS,
 60%/40% AL BRAID, ETL CM, PVC JKT- BLACK- 1000 FT BOX



1. CONSTRUCTION

- CENTER CONDUCTOR:** 18 AWG COPPER CLAD STEEL (CCS)
 NOMINAL DIAMETER: 1.02±0.005mm
- DIELECTRIC:** GAS EXPANDED POLYETHYLENE (FOAM PE)
 NOMINAL DIAMETER OVER DIELECTRIC: 4.57±0.05mm
- SHIELD:** 1ST SHIELD: BONDED AL/PET TAPE, 100% COVERAGE
 2ND SHIELD: 16*5*0.12±0.005mm AL-MG ALLOY WIRE BRAID, COVERAGE: 60±2%
 3RD SHIELD: AL/PET TAPE, 100% COVERAGE
 4TH SHIELD: 16*4*0.12±0.005mm AL-MG ALLOY WIRE BRAID, COVERAGE: 40±2%
 NOMINAL DIAMETER OVER BRAID: 5.73mm
- JACKET:** BLACK OR WHITE PVC
 NOMINAL DIAMETER OVER JACKET: 7.30±0.10mm
 NOMINAL JACKET THICKNESS: 0.78mm

2. ATTENUATION Tested under temp. 68° F (20° C)

Frequency (MHz)	Maximum (dB /100 m)	Frequency (MHz)	Maximum (dB /100 m)
5	2.66	865	20.01
55	5.25	1000	21.49
187	9.35	1450	26.16
300	11.64	1800	29.08
450	14.43	2200	32.13
600	16.73	2500	34.42
750	18.54	3000	39.50

3. ELECTRICAL & MECHANICAL CHARACTERISTICS

IMPEDANCE	75±3 Ohm
VELOCITY OF PROPAGATION	85%
CAPACITANCE	52±2 pF/M
RETURN LOSS	5-1200MHz ≥20dB
	1200-3000MHz ≥15dB
INNER CONDUCTOR DCR	≤105 Ohm / Km
INNER CONDUCTOR CONDUCTIVITY	≥20.3%
OPERATING TEMP. RANGE	-20 to +75°C

4. APPROVALS

