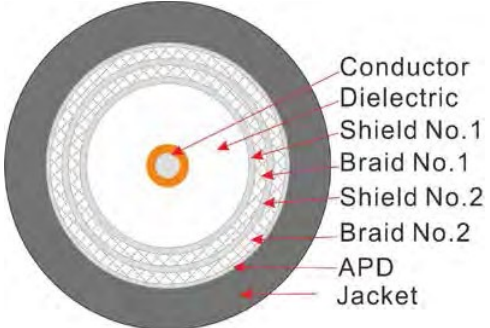


SCP Part Number: RG6/UQ-DB-CCS

REV.A

Cross Section	
	
Description	
RG6/U QUAD SHIELD DIRECT BURIAL 18 AWG CCS 60%/40% AL BRAID -1000 FT SPOOL	
Marking	
STRUCTURED CABLE PRODUCTS -- P/N: RG6/UQ-DB -- RG6/U QUAD SHIELD COAX CATV DIRECT BURIAL - SWEEP TESTED TO 3.0 GHz HDTV 18 AWG, 60% / 40% AL BRAID -- PE JACKET -- CE EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 xxxxFEET	
Construction	
Center Conductor:	Copper Clad Steel
Size	18AWG
Dia.(in/mm)	0.0403/1.02
Insulate	Skin Foam PE
Nom. Thickness(in/mm)	0.070/1.78
Insulation Dia.(in/mm)	0.0180/4.57
The First Shield	Bonded Aluminum Foil
Coverage Area (%)	100
The First Braid Shield	Aluminum Wire
Coverage Area(%)	60
The second Shield	Aluminum Foil
Coverage Area(%)	100
the Second Braid Shield	Aluminum Wire
Coverage Area(%)	40
Flooded	APD
Jacket	Black PE
Nom. Thickness(in/mm)	0.030/0.76
Min. Thickness(in/mm)	0.024/0.61
Cable Dia.(in/mm)	0.297/7.54
Packing	Wooden Spool
Length(ft/m)	1000/305
Gross Weight(lbs/kg)	29.76/13.50

Performance			
Electrical Characteristics:[@68°F.(20°C.)]			
Frequency (MHz)	Attenuation (dB/100ft)	Attenuation (dB/100m)	
5	0.79	2.57	
10	0.82	2.66	
50	1.47	4.79	
100	2.05	6.72	
200	2.84	9.28	
400	4.06	13.28	
700	5.60	18.36	
900	6.24	20.43	
1000	6.60	21.61	
1200	7.50	24.59	
1450	8.04	26.36	
1800	8.84	28.98	
2200	9.77	32.03	
2500	11.13	36.47	
2750	11.58	37.94	
3000	12.06	39.54	
Dielectric Strength (kV/min)			1
Impedence (ohms)			75±3.0
SRL (dB)		5~1000MHz	≥20
		1001~3000MHz	≥15
Capacitance (pF/ft)			16.2
Conductor DCR@ 20°C (ohms/kft)			31
DC Loop Resistance@ 20°C (ohms/kft)			38.52
Velocity Of Propagation (%)			85
Mechanical Characteristics:			
Test Object:			Jacket
Test Material			
Before Aging	Tensile strength	(psi)	2300
	Elongation	(%)	450
Cold Bend	(-40±2°C/4hrs)		No Crack
Jacket Longitudinal Shrinkage	(%)		≥5
Center Conductor break Strength	(lbs)		85
Operating Temperature Range	(°C)		-40~80
Standards			
CE, RoHS			