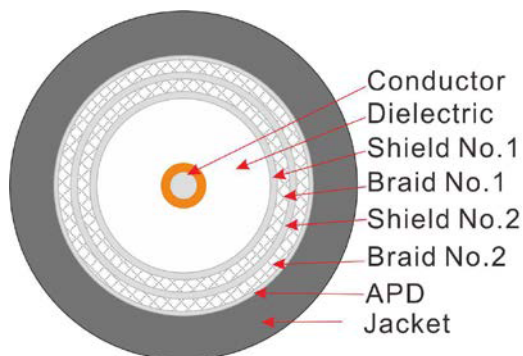




RG6/UQ-DB

REV.A

Cross Section



Description

Construction

Center Conductor:	Bare Copper
Size	18AWG
Dia.(mm)	1.02
Insulate	Skin Foam PE
Nom. Thickness(mm)	1.78
Insulation Dia.(mm)	4.57
Shield No.1	Aluminum/Polymer/Bonded
AL-maylar Shield Overlapping(%)	18~35
Braid Shield No.1	Aluminum Wire
Coverage Area(%)	60
Shield No.2	Aluminum/Polymer/Aluminum
AL-maylar Shield Overlapping(%)	18~35
Braid Shield No.2	Aluminum Wire
Coverage Area(%)	40
Floodant	APD
Jacket	Black PE
Nom. Thickness(mm)	0.76
Min. Thickness(mm)	0.61
Cable Dia.(mm)	7.54
Weight(kg/km)	49
Packing	1000ft/wooden spool

Performance

Electrical Characteristics:[@68°F.(20°C.)]

Frequency (MHz)	Attenuation (dB/100m)
5	2.57
10	3.64
50	4.79
100	6.72
200	9.28
400	13.28
700	18.36
900	20.43
1000	21.61
1200	24.59
1450	26.36
1800	28.98
2200	32.03
2500	36.47
2750	37.94
3000	39.54

Dielectric Strength (kV/min)	1
Impedence (ohms)	75±3.0
SRL (dB)	5~1000MHz >=20 1001~3000MHz >=15
Capacitance (pF/m)	53.1
Conductor DCR@ 20°C (ohms/km)	105
DC Loop Resistance@ 20°C (ohms/km)	126
Velocity Of Propagation (%)	85

Mechanical Characteristics:

Test Object:	Jacket
Test Material	
Before	Tensile strength (Mpa) 16
Aging	Elongation (%) 450
Operating Temperature Range(°C)	-40~80
Cold Bend	(-40±2°C/4hrs) No crack
Jacket Longitudinal Shrinkage	(%) >=5