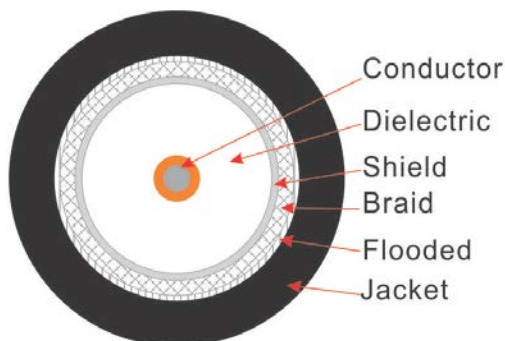


**RG11/U-DB**

REV.A

**Cross Section**



**Description**

CATV CABLE, RG11/U 14 AWG CCS, 75OHMS, 3.0GHZ,

**Marking**

STRUCTURED CABLE PRODUCTS EXXXXXX (UL) OR C(UL)  
CM 14 AWG CCS 75C MM/YY -- P/N: RG11/U -- RG11/U  
COAX 3.0GHz, 60% AL BRAID CE EU RoHS EC  
ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 xxxxFEET

**Construction**

<b>Center Conductor:</b>	<b>Copper Clad Steel</b>
Size	14AWG
Dia.(in/mm)	0.064/1.63
<b>Insulate</b>	<b>Skin Foam PE</b>
Nom. Thickness(in/mm)	0.108/2.74
Insulation Dia.(in/mm)	0.280/7.11
<b>Shield</b>	<b>Bonded Aluminum Foil</b>
Coverage Area (%)	100
<b>Braid Shield</b>	<b>Aluminum Wire</b>
Coverage Area(%)	60
<b>Flooded</b>	<b>APD</b>
<b>Jacket</b>	<b>Black PE</b>
Nom. Thickness(in/mm)	0.030/0.76
Min. Thickness(in/mm)	0.024/0.61
Cable Dia.(in/mm)	0.395/10.03
<b>Packing</b>	<b>Wooden Spool</b>
Length(ft/m)	1000/305
Gross Weight(lbs/kg)	60.62/27.50

**Performance**

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

Frequency (MHz)	Attenuation (dB/100ft)	Attenuation (dB/100m)
5	0.38	1.25
55	0.96	3.15
250	2.05	6.73
300	2.43	7.97
450	2.75	9.02
550	3.04	9.97
750	3.65	11.97
865	3.98	13.05
1000	4.49	14.73
1200	4.75	15.58
1450	5.35	17.55
1750	6.08	19.94
2000	6.32	20.73
2150	6.60	21.64
2250	6.70	21.97
2500	7.02	23.02
2750	7.40	24.27
3000	7.74	25.38

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)	12.66
DC Loop Resistance@ 20°C (ohms/kft)	19.37
Velocity Of Propagation (%)	83

**Mechanical Characteristics:**

Test Object:	Jacket
Test Material	
Before	Tensile strength (psi) 2300
Aging	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**

UL, CE, RoHS