



**821**

RG11/U BC Type CATV Dual Shield  
CATV/MATV DBS

**Construction & Dimensions**

CONSTRUCTION & DIMENSIONS	-
CONDUCTOR PARAMETER	-
• Number of Conductors	1
• AWG Size	14
• Conductor Stranding	Solid
• Conductor Type	Bare copper
• Nominal DCR	2.6 Ohm/1000ft
INSULATION PARAMETER	-
• Insulation Type	Foam Polyethylene
• Insulation Thickness	0.28 in
SHIELDING PARAMETER	-
• Shield Type	Overall 100% Aluminum Foil
• Shield Type 2	Aluminum Braid
ELECTRICAL CHARACTERISTICS	-
• Nominal Impedance	75 Ohm
• Nom. Cap. Between Conductors	16.2 pF/ft

**Overall Construction**

OVERALL CONSTRUCTION PARAMETERS	-
Jacket Type	PVC
Jacket Thickness	0.044 in
Nominal Cable O.D.	0.405 in
Plenum	No
NEC UL Rating	CM-CATV
RoHS Compliant	Yes
Pull Tension	130 lbs
Bend Radius	4.05 in
Cable Weight	60 lbs

**Overall Electrical & Optical Characteristics**

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	-
Nominal Velocity of Propagation (VP)	82 %
UL Flammability	UL1685
Operating Range	-20 to 60 Deg C
UL Voltage Rating	300



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### Attenuation

FREQUENCY (MHz)	ATTENUATION (db/100ft)
5 MHz	0.38 dB
55 MHz	0.92 dB
100 MHz	1.2 dB
270 MHz	1.92 dB
400 MHz	2.4 dB
540 MHz	2.85 dB
750 MHz	3.4 dB
1000 MHz	4.05 dB
1450 MHz	5.05 dB
2250 MHz	6.42 dB
3000 MHz	7.46 dB

### Related Products

RELATED PRODUCTS	-
Plenum Number	25821
"F" Type Crimp	CN-F11ALX
"F" Type Compression	CN-FS11V