



**25Q821**

RG11/U BC Type CATV Quad Shield Plenum  
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 FEP
• Insulation Thickness	0.28 in
SHIELDING PARAMETER	-
• Shield Type	Overall 100% Aluminum Foil + Aluminum Braid
• Shield Type 2	Overall 100% Aluminum Foil + Aluminum Braid
ELECTRICAL CHARACTERISTICS	-
• Nominal Impedance	75 Ohm
• Nom. Cap. Between Conductors	16.2 pF/ft

**Overall Construction**

OVERALL CONSTRUCTION PARAMETERS	-
Jacket Type	PVDF
Nominal Cable O.D.	0.385 in
Plenum	Yes
NEC UL Rating	CATVP, CMP
RoHS Compliant	Yes
Bend Radius	3.85 in
Cable Weight	92 lbs

**Overall Electrical & Optical Characteristics**

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	-
Nominal Velocity of Propagation (VP)	82 %
UL Flammability	NFPA 262 Plenum
Operating Range	-0 to 60 Deg C
UL Voltage Rating	300



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## Attenuation

FREQUENCY (MHz)	ATTENUATION (db/100ft)
5 MHz	0.25 dB
55 MHz	1 dB
100 MHz	1.5 dB
270 MHz	2 dB
400 MHz	2.98 dB
540 MHz	3.5 dB
750 MHz	4.9 dB
1000 MHz	5.5 dB
1450 MHz	6 dB
2250 MHz	7.95 dB
3000 MHz	9.19 dB

## Related Products

RELATED PRODUCTS	-
Non Plenum Number	Q821
"F" Type Crimp	CN-F11TFE
"F" Type Compression	CN-FS11V