



Q821

RG11/U CATV Quad 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 + 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	PVC
Nominal Cable O.D.	0.405 in
Plenum	No
NEC UL Rating	CATV, CM
RoHS Compliant	Yes
Bend Radius	4.05 in
Cable Weight	67 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	25Q821
"F" Type Crimp	CN-F11ALX
"F" Type Compression	CN-FS11V