



AQC841

RG6/U BC Type CATV Dual Shield Aquaseal
CATV/MATV DBS

Construction & Dimensions

CONSTRUCTION & DIMENSIONS	-
CONDUCTOR PARAMETER	-
• Number of Conductors	1
• AWG Size	18
• Conductor Stranding	Solid
• Conductor Type	Bare copper
• Nominal DCR	6.5 Ohm/1000ft
INSULATION PARAMETER	-
• Insulation Type	Foam Polyethylene
• Insulation Thi kness	0.18 in
SHIELDING PARAMETER	-
• Shield Type	Overall 100% Aluminum Foil + Aluminum Braid
• 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	UV Resistant PVC
Nominal Cable O.D.	0.275 in
Plenum	No
NEC UL Rating	CM
RoHS Compliant	Yes
TIA Test	TIA455-82 Water Penetration Test
Pull Tension	70 lbs
Bend Radius	2.75 in
Cable Weight	36 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	0.57 dB
55 MHz	1.45 dB
100 MHz	1.85 dB
270 MHz	3.07 dB
400 MHz	3.85 dB
540 MHz	4.6 dB
750 MHz	5.4 dB
1000 MHz	6.3 dB
1450 MHz	8.05 dB
2250 MHz	9.99 dB
3000 MHz	11.9 dB

Related Products

RELATED PRODUCTS	-
Plenum Number	25841
Non Plenum Number	841
"F" Type Crimp	CN-F56AQ
"F" Type Compression	CN-F6MCV