

# Technical Data Sheet

## RG6/U Type CATV Coaxial Cable



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<b>PART NUMBER:</b>	<b>AQC841</b>
<b>DESCRIPTION:</b>	RG6/U – 1 Conductor 18 AWG Solid, 100% Al. Foil + 65% Al. Braid, Aquaseal Waterblocking tape and an overall Sunlight Resistant PVC Jacket.
<b>NEC RATING:</b>	CM CL2
<b>APPROVALS:</b>	(UL) C(UL) Listed or c(ETL)us Listed
<b>APPLICATION:</b>	Indoor/Outdoor for: CATV/MATV

### Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	Gas Injected Polyethylene
Insulation Thickness	.180" Nom.
Number of Conductors	1 Center Conductor
Shield	100% Al Foil + 65% Al. Braid
Waterblocking Tape	2 Ply Tape
Jacket Material	Sunlight Resistant PVC
Overall Cable Diameter	0.275" Nom.
Approximate Cable Weight	26 Lbs/1M' Nom.
Flame Rating	Article 800

### Electrical & Environmental Properties:

		<u>Mhz</u>	<u>db/100ft</u>
Temperature Rating	-20deg C to 60deg C	5	.45
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.	55	1.45
Velocity of Propagation	82% Nom.	100	1.85
Impedance	75 ohms Nom.	270	3.07
DC Resistance per Conductor @ 20deg C	6.5 Ohms/1M' Nom.	400	3.85
Jacket Color	Black	550	4.62
RoHS Compliant	Yes	750	5.40
		1000	6.3
		1800	8.85
		2250	9.99
		3000	11.9

### Mechanical Properties:

Max. Recommended Pull Tension	86 lbs.
Min. Bend Radius (Install)	2.8"

### Connectors and Accessories

F Crimp:	CN-56AQ
F Compression:	CN-CSF-6 OR CN-FCP-6

Specification Issue Date: 7/06

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Standard Lengths are 1000ft.  
 The Jacket is sequentially footmarked.  
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