

Technical Data Sheet

RG6/U Type CATV Coaxial Cable

WEST PENN WIRE



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

		Mhz	db/100ft
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

Mechanical Properties:

Max. Recommended Pull Tension	86 lbs.	1000	6.3
Min. Bend Radius (Install)	2.8"	1800	8.85
		2250	9.99
		3000	11.9

Connectors and Accessories

F Crimp:	CN-56AQ
F Compression:	CN-F6MCV

Specification Issue Date: 4/12

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