

# Technical Data Sheet

## RG11/U Type Quad-Shield CATV Cable



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<b>PART NUMBER:</b>	<b>Q821</b>
<b>DESCRIPTION:</b>	RG11/U – 1 Conductor 14 AWG Solid, 100% Al. Foil + 65% +Al. Braid 100% Al. Foil + 55% Al. Braid and an overall PVC Jacket.
<b>NEC RATING:</b>	CATV/CL2
<b>APPROVALS:</b>	(UL) Listed
<b>APPLICATION:</b>	Indoor for: – CATV/MATV

### Construction Parameters:

Conductor	14 AWG Bare Copper
Stranding	Solid
Insulation Material	Gas Injected Polyethylene
Insulation Thickness	.280" Nom.
Number of Conductors	1 Center Conductor
Shield	100% Al Foil + 65% Al. Braid+
	100% Al Foil + 55% Al Braid
Jacket Material	PVC
Overall Cable Diameter	0.415" Nom.
Approximate Cable Weight	59 Lbs/1M' Nom.
Flame Rating	Article 725

### Electrical & Environmental Properties:

		<u>Mhz</u>	<u>db/100ft</u>
Temperature Rating	-20deg C to 60deg C	5	.23
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.	55	.92
Velocity of Propagation	82% Nom.	100	1.20
Impedance	75 ohms Nom.	270	1.92
DC Resistance per Conductor @ 20deg C	2.6 Ohms/1M' Nom.	400	2.4
Jacket Color	Black	550	2.85
RoHS Compliant	Yes	750	3.40
		1000	4.05
		1800	5.90
		2250	6.42
		3000	7.76

### Mechanical Properties:

Max. Recommended Pull Tension	315 lbs.
Min. Bend Radius (Install)	4.10"

### Connectors and Accessories

F Crimp:	CN-F11ALX
F Compression:	CN-FSNS11

Specification Issue Date: 7/06

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