

**Technical Data Sheet**  
**RG6/U Type CATV Coaxial Cable**  
**Quad-Shield**



**WEST PENN WIRE**

2833 West Chestnut Street  
 Washington, PA 15301  
 Toll Free: (800) 245-4964  
 Fax: (724) 222-6420  
 www.westpenn-wpw.com

<b>PART NUMBER:</b>	<b>HQ841</b>
<b>DESCRIPTION:</b>	RG6/U – 1 Conductor 18 AWG Solid, Quad-Shield and an overall PVC Jacket.
<b>NEC RATING:</b>	CATV
<b>APPROVALS:</b>	(UL) C(UL) Listed or c(ETL)us Listed
<b>APPLICATION:</b>	Indoor 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	Quad-Shield
Jacket Material	PVC
Overall Cable Diameter	0.285 Nom.
Approximate Cable Weight	44 lbs./1Mft
Flame Rating	UL1666

**Electrical & Environmental Properties:**

		<u>Mhz</u>	<u>db/100ft</u>
Temperature Rating	-20deg C to 60deg C	5	.57
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.	55	1.70
Velocity of Propagation	82% Nom.	100	1.85
Impedance	75 ohms Nom.	270	3.07
DC Resistance per Conductor @ 20deg C	6.5/1M' Nom.	400	3.85
Jacket Color	Black/White	550	4.62
RoHS Compliant	Yes	750	5.40
		1000	6.3
		1800	8.85
		2250	9.99
		3000	11.90

**Mechanical Properties:**

Max. Recommended Pull Tension	128 lbs.
Min. Bend Radius (Install)	3.0”

**Connectors and Accessories**

F Crimp:	CN-56ALX
F Compression:	CN-FCP-6QD

Specification Issue Date: 2/10

This document is the property of West Penn Wire.  
 The information contained herein is considered  
 Proprietary and not to be reproduced by any means  
 Without written consent of West Penn Wire

Standard Lengths are 1000ft.  
 The Jacket is sequentially footmarked.  
 The information presented here is, to the best of our  
 knowledge, is true and accurate. However, since  
 conditions of use are beyond our control, all  
 recommendations or suggestions are presented  
 without guarantee or responsibility on our part. We  
 disclaim all liability in connection with the use of  
 information contained herein or otherwise.