

Technical Data Sheet

RG6/U Type CATV Coaxial Cable



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

PART NUMBER:	841
DESCRIPTION:	RG6/U – 1 Conductor 18 AWG Solid, 100% Al. Foil + 65% Al. Braid and an overall PVC Jacket.
NEC RATING:	CATV/ CL2
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	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	100% Al Foil + 65% Al. Braid
Jacket Material	PVC
Overall Cable Diameter	0.245" Nom.
Approximate Cable Weight	26 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	.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
Max. Recommended Pull Tension	86 lbs.	2250	9.99
Min. Bend Radius (Install)	2.5"	3000	11.9

Mechanical Properties:

Max. Recommended Pull Tension	86 lbs.
Min. Bend Radius (Install)	2.5"

Connectors and Accessories

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

Specification Issue Date: 7/06

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.

