

Technical Data Sheet

CATV/MATV Cables (RG6/U)



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



PART NUMBER:	HQ841
DESCRIPTION:	RG6/U 18 Awg. Bare Copper, Quad-Shielded Construction with an overall PVC Jacket
NEC RATING:	CATV
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 PE
Insulation Thickness	.180" Nom.
Number of Conductors	1 Center Conductor
Shield	100% Bifoil + Al. Braid + 100% Bifoil + Aluminum Braid
Jacket Material	PVC
Overall Cable Diameter	0.285" Nom.
Approximate Cable Weight	35 Lbs/1M' Nom.
Flame Rating	UL 1685 Vertical Tray

Electrical & Environmental Properties:

		Nom. Attenuation	
Temperature Rating	-20deg C to 60deg C		
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.	MHz	dB/100ft
Velocity of Propagation	82% Nom.	55	1.45
Impedance	75 ohms Nom.	100	1.85
Shield Effectiveness	110dB Nom.	270	3.07
DC Resistance per Conductor @ 20deg C	6.5 Ohms/1M' Nom.	330	3.48
Jacket Color	Black, White	450	4.15
RoHS Compliant	--	750	5.40
		1000	6.30
		1450	8.05
		2000	9.15
		3000	11.93

Mechanical Properties:

Max. Recommended Pull Tension	102 lbs.
Min. Bend Radius (Install)	2.8"

Connectors:

"F" Type Connector	CN-56ALX	(Crimp Tool): TL-111	(Stripping Tool): TL-120
Compression "F" Type	CN-FSNSQS-6	(Comp. Tool): TL-SNSA	(Stripping Tool): TL-SNSST

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.

