

Technical Data Sheet

RG6/U Type SDI Coaxial Cable Plenum



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

PART NUMBER:	256350
DESCRIPTION:	RG6/U – 1 Conductor 18 AWG Solid, 100% Aluminum Foil + 95% Tinned copper braid and an overall Flexible Plenum Jacket
NEC RATING:	CMP
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	Indoor for: Pro-Video, SDI, Digital Audio, CCTV and CATV

Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	Foam FEP- Teflon
Insulation Thickness	.170" Nom.
Number of Conductors	1 Center Conductor
Shield	100% Al. Foil + 95% Tinned Copper Braid
Jacket Material	Flex Plenum PVC
Overall Cable Diameter	0.236" Nom.
Approximate Cable Weight	40 Lbs/1M' Nom.
Flame Rating	UL NFPA 62

Electrical & Environmental Properties:

		<u>Mhz</u>	<u>db/100ft</u>
Temperature Rating	-20deg C to 60deg C	1	.23
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.	10	.70
Velocity of Propagation	82% Nom.	71.5	1.71
Impedance	75 ohms Nom.	135	2.41
DC Resistance per Conductor @ 20deg C	6.5 Ohms/1M' Nom.	360	3.99
Jacket Color	Ivory	750	6.25
RoHS Compliant	Yes	1000	7.52
SRL:	5Mhz-1600Mhz	-23dB	1000
	1.6Ghz-4.5Ghz	-21dB	2250
			3000
		4500	13.45
			19.30

Mechanical Properties:

Max. Recommended Pull Tension	91 lbs.
Min. Bend Radius (Install)	2.4"

Connectors and Accessories

75 ohm BNC Crimp	CN-BM73-4	Crimp Tool: TL-107	Strip Tool: TL-7503
DoubleBubble:			
Compression BNC 75 ohm	CN-DB6BNCPL2	Comp. Tool: TL-SNSA	Strip Tool: TL-CPLRBC
Compression RCA	CN-FS6RCAPL2	Comp. Tool: TL-SNSA	Strip Tool: TL-CSST

Specification Issue Date: Rev.2- 7/13

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.