

# Technical Data Sheet

## RG6/U Type SDI Coaxial Cable Plenum

# WEST PENN WIRE

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<b>PART NUMBER:</b>	<b>256350</b>
<b>DESCRIPTION:</b>	RG6/U – 1 Conductor 18 AWG Solid, 100% Aluminum Foil + 95% Tinned copper braid and an overall Flexible Plenum Jacket
<b>NEC RATING:</b>	CMP
<b>APPROVALS:</b>	(UL) C(UL) Listed or c(ETL)us Listed
<b>APPLICATION:</b>	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
		2250	11.75
		3000	13.45
		4500	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
Compression BNC 75 ohm	CN-FS6BNCPL2	Comp. Tool: TL-SNSA	Strip Tool: TL-CSST
Compression RCA	CN-FS6RCAPL2	Comp. Tool: TL-SNSA	Strip Tool: TL-CSST

Specification Issue Date: Rev.1 – 12/11

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