

Technical Data Sheet

RG6/U Type SDI Coaxial Cable

WEST PENN WIRE

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PART NUMBER:	6350
DESCRIPTION:	RG6/U – 1 Coaxial 18 AWG Solid- 100% Aluminum Foil + 95% Tinned Copper Braid PVC Jacket
NEC RATING:	CMR
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	Indoor for: SDI, Precision Video, CCTV, CATV, Digital Audio

Individual Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	Gas Injected Polyethylene
Insulation Thickness	.180" Nom.
Shield	100% Al. Foil + 95% Tinned Copper Braid
Jacket Material	PVC
Overall Cable Diameter	0.275" Nom.
Bulk Cable Weight	40lbs/1000ft
Max. Recommended Pulling Tension	69lbs
Min. Bend Radius	2.75in
Flame Rating	UL 1666

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	1.67
Impedance	75 ohms Nom.	135	2.23
DC Resistance per Conductor @ 20deg C	6.5 Ohms/1M' Nom.	360	3.22
Individual Jacket Color	Black- Optional	720	5.65
	Min. Qty. other Colors	1000	6.52
RoHS Compliant	Yes	2250	9.75
SRL:	5-1600 Mhz	3000	11.45
	1.6Ghz-4.5Ghz	4500	14.30

Connectors and Accessories

75 ohm BNC Crimp	CN-BM73-5	Crimp Tool: TL-107	Strip Tool: TL-7503
Compression BNC 75 ohm	CN-CSBNC-6	Comp. Tool: TL-SNSA	Strip Tool: TL-CSST
Double Bubble Compression	CN-DB6BNCHD	Comp. Tool: TL-SNSA	Strip Tool: TL-CPLRBC
Compression RCA	CN-CSRCA-6	Comp. Tool: TL-SNSA	Strip Tool: TL-CSST

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