

**Technical Data Sheet**  
**RG6/U Type CATV Coaxial Cable**  
**Quad-Shield**



**WEST PENN WIRE**

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<b>PART NUMBER:</b>	<b>6300</b>
<b>DESCRIPTION:</b>	RG6/U – 1 Conductor 18 AWG Solid, Quad-Shield and an overall PVC Jacket.
<b>NEC RATING:</b>	CATV
<b>APPROVALS:</b>	(UL) C(UL) Listed or c(ETL)us Listed
<b>APPLICATION:</b>	Indoor for :- CATV/MATV

**Construction Parameters:**

Conductor	18 AWG Copper Covered Steel
Stranding	Solid
Insulation Material	Gas Injected Polyethylene
Insulation Thickness	.180" Nom.
Number of Conductors	1 Center Conductor
Shield	Quad-Shield- 100% Al. Foil + 60% Al. Braid + 100% Al. Foil + 40% Al. Braid
Jacket Material	PVC
Overall Cable Diameter	0.295 Nom.
Approximate Cable Weight	42 lbs./1Mft
Flame Rating	NFPA 262

**Electrical & Environmental Properties:**

		<u>Mhz</u>	<u>db/100ft</u>
Temperature Rating	-20deg C to 60deg C	5	.57
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.	55	1.70
Velocity of Propagation	82% Nom.	100	1.85
Impedance	75 ohms Nom.	270	3.07
DC Resistance per Conductor @ 20deg C	28.00/1M' Nom.	400	3.85
Jacket Color	Black/White	550	4.62
RoHS Compliant	Yes	750	5.40
		1000	6.3
		1800	8.85
		2250	9.99
		3000	11.90

**Mechanical Properties:**

Max. Recommended Pull Tension	128 lbs.
Min. Bend Radius (Install)	3.0"

**Connectors and Accessories**

F Crimp:	CN-56ALX
F Compression:	CN-FCP-6QD

Specification Issue Date: 2/10

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