

Technical Data Sheet

RG6/U Type CATV Coaxial Cable Plenum

WEST PENN WIRE



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PART NUMBER:	25841
DESCRIPTION:	RG6/U – 1 Conductor 18 AWG Solid, 100% Al. Foil + 77% Al. Braid and an overall Plenum PVC Jacket.
NEC RATING:	CATVP/ CMP
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	Indoor for Plenum:– CATV/MATV

Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	Foam FEP
Insulation Thickness	.170" Nom.
Number of Conductors	1 Center Conductor
Shield	100% Al Foil + 77% Al. Braid
Jacket Material	Flexible Plenum PVC
Overall Cable Diameter	0.235" Nom.
Approximate Cable Weight	26 Lbs/1M' Nom.
Flame Rating	NFPA 262

Electrical & Environmental Properties:

		<u>Mhz</u>	<u>db/100ft</u>
Temperature Rating	-20deg C to 60deg C	5	.50
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.	55	1.6
Velocity of Propagation	82% Nom.	100	2.0
Impedance	75 ohms Nom.	270	2.9
DC Resistance per Conductor @ 20deg C	6.5 Ohms/1M' Nom.	400	4.5
Jacket Color	Ivory	550	4.9
RoHS Compliant	Yes	750	6.6
		1000	8.0
		2000	12.3
Max. Recommended Pull Tension	91 lbs.	2250	13.36
Min. Bend Radius (Install)	2.4"	3000	15.42

Mechanical Properties:

Max. Recommended Pull Tension	91 lbs.	2000	12.3
Min. Bend Radius (Install)	2.4"	2250	13.36
		3000	15.42

Connectors and Accessories

F Crimp:	CN-56TFE
F Compression:	CN-FS6PL2

Specification Issue Date: 7/06

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