

Technical Data Sheet

RG8/U Coaxial 50 Ohm - Plenum

WEST PENN WIRE

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

PART NUMBER:	25810
DESCRIPTION:	RG8/U – 1 Conductor 12 AWG 7x20, 95% Bare copper braid and an overall Copolymer Jacket.
NEC RATING:	CMP
APPROVALS:	(UL) C(UL) Listed
APPLICATION:	Indoor Plenum for: 50 Systems

Construction Parameters:

Conductor	12 AWG Bare Copper
Stranding	7x20
Insulation Material	Foam FEP
Insulation Thickness	.280" Nom.
Number of Conductors	1 Center Conductor
Shield	95% Bare Copper Braid
Jacket Material	Copolymer- Solef
Overall Cable Diameter	0.352" Nom.
Approximate Cable Weight	98 Lbs/1M' Nom.
Flame Rating	NFPA 262 Plenum

Electrical & Environmental Properties:

		<u>Mhz</u>	<u>db/100ft</u>
Temperature Rating	-40deg C to 75deg C	1	.2
Max.Capacitance Between Conductors @ 1 KHz	28.5 pf/ft Nom.	10	.6
Velocity of Propagation	66% Nom.	50	1.3
Impedance	52 ohms Nom.	100	1.9
DC Resistance per Conductor @ 20deg C	1.6 Ohms/1M' Nom.	400	4.1
Jacket Color	Natural	700	5.9
RoHS Compliant	--	900	6.9

Mechanical Properties:

Max. Recommended Pull Tension	183 lbs.
Min. Bend Radius (Install)	3.5"

Connectors and Accessories

50 Ohm 3 pc. BNC	CN-25810KBNC
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Specification Issue Date: 10/11

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