

Technical Data Sheet

RG58 Coaxial 50 Ohm

WEST PENN WIRE

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PART NUMBER:	813
DESCRIPTION:	RG58/U – 1 Conductor 20AWG Solid, 95% Tinned copper braid and an overall PVC Jacket.
NEC RATING:	CM
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	Indoor for: 50 Systems

Construction Parameters:

Conductor	20 AWG Tinned Copper
Stranding	Solid
Insulation Material	Gas Injected Polyethylene
Insulation Thickness	.116" Nom.
Number of Conductors	1 Center Conductor
Shield	95% Tinned Copper Braid
Jacket Material	PVC
Overall Cable Diameter	0.194" Nom.
Approximate Cable Weight	18 Lbs/1M' Nom.
Flame Rating	UL 1685

Electrical & Environmental Properties:

		<u>Mhz</u>	<u>db/100ft</u>
Temperature Rating	-20deg C to 60deg C	1	.6
Max.Capacitance Between Conductors @ 1 KHz	26 pf/ft Nom.	10	1.5
Velocity of Propagation	78% Nom.	50	3.5
Impedance	50 ohms Nom.	100	4.8
DC Resistance per Conductor @ 20deg C	10.1 Ohms/1M' Nom.	400	10.2
Jacket Color	Black	900	16.8
RoHS Compliant	--		

Mechanical Properties:

Max. Recommended Pull Tension	41 lbs.
Min. Bend Radius (Install)	2.0"

Connectors and Accessories

50 Ohm 3 pc. BNC CN-BM53-13

Specification Issue Date: 3/10

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