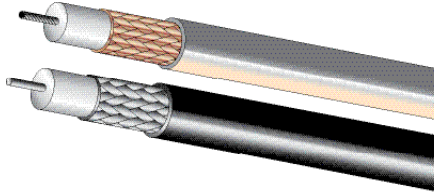


# Coaxial Cables

WEST PENN WIRE

## RF Transmission 50 Ohm Coaxial RG58/U - RG58A/U and RG8/U Type



### Applications:

- RF Transmission
- Broadcast Transmission

Standard spool size 1000ft.

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Color
812 RG58A/U Type	CM	20 (19x32) Tinned Copper 8.8 Ω/M'	Gas Injected PE† .116	Tinned Copper Braid 95%	PVC	.195	25 pf/ft	78%	50Ω	Black
						Connectors 3 Pc. BNC - CN-BM53-13				
813 RG-58/U Type	CM	20 (Solid) Tinned Copper 10.1 Ω/M'	Gas Injected PE† .116	Tinned Copper Braid 95%	PVC	.195	26 pf/ft	78%	50Ω	Black
						Connectors 1 Pc. BNC - CN-BM51-1 3 Pc. BNC - CN-BM53-13				
25812 RG-58/U Type Plenum	CMP	20 (19x32) Tinned Copper 8.8 Ω/M'	Foam FEP .102	Tinned Copper Braid 95%	Flex Plenum	.158	25 pf/ft	82%	50Ω	Ivory
						Connectors 3 Pc. BNC - CN-BM53-25				
810 RG-8/U Type	CM	13 (7x21) Bare Copper 1.9 Ω/M'	Gas Injected PE† .280	Bare Copper Braid 95%	PVC	.405	26 pf/ft	82%	50Ω	Black
						Connectors 3 Pc. BNC - CN-BM53-8 3 Pc. "N" Type - CN-NM53/110				
25810 RG-8/U Type Plenum	CL2P	13 (7x21) Bare Copper 1.9 Ω/M'	Foam FEP .280	Bare Copper Braid 95%	Copolymer	.352	25 pf/ft	82%	50Ω	Natural
						Connectors 3 Pc. BNC - CN-25810KBNC				
808F RG-8/U Type Flexible	--	10 (19x33) Bare Copper 1.15 Ω/M'	Gas Injected PE† .285	Bonded Bifoil 100% Tinned Copper Braid 90%	Poly- urethane	.405	24.5 pf/ft	84%	50Ω	Black
						Connectors 3 Pc. "N" Type - CN-NM53-808				
807 RG-8X/U Type Flexible	CM	16 (19x29) Bare Copper 4.3 Ω/M'	Gas Injected PE† .155	Bare Copper Braid 95%	PVC	.242	25 pf/ft	82%	50Ω	Black
						Connectors 3 Pc. BNC - CN-BM53-8X 3 Pc. "N" Type - CN-NM53-8X				

### Electrical Specifications:

### Attenuation (db/100ft)

CAT. NO.	1 MHz	10 MHz	50 MHz	100 MHz	200 MHz	400 MHz	900 MHz	1 GHz
812	.5	1.3	3.2	4.6	6.8	10.1	16.7	18.2
813	.6	1.5	3.5	4.8	6.9	10.2	16.8	18.3
25812	.5	1.3	3.2	4.6	6.8	10.1	16.7	18.2
810	.2	.6	1.3	1.8	2.6	3.9	6.8	7.3
25810	.2	.6	1.2	1.6	2.5	3.7	6.7	7.2
808F	.2	.6	1.1	1.5	2.0	2.9	4.5	4.8
807	.3	.9	2.1	3.1	4.5	6.6	10.7	11.2

Notes:

Standard Spool size 1000ft, spools are one piece, but lengths may vary +/- 10%

†- Gas Injected Polyethylene

100% Sweep Tested