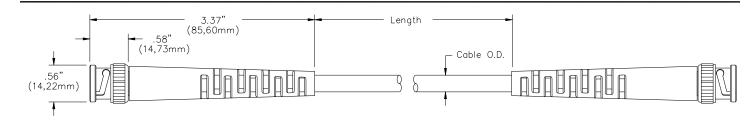
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FEATURES:

- \checkmark The molded strain relief is directly bonded to the cable jacket for superior strength and durability.
- ✓ Teflon insulation and nickel tarnish resistant outer shells used in the BNC connector provide long life and reliability.
- \checkmark Gold plated center contacts assure the most noise free connection possible.
- \checkmark The connectors and cable are impedance matched.

CABLE DESIGNATION & TYPE:

- **2249-C:** RG58C/U, 50 ohm cable makes it ideal for most test and measurement applications, RF transmission systems and Thinnet LAN applications.
- **2249-E:** RG59B/U, 75 ohm cable assembly for use with broadcast, video, and other signal applications.
- **2249-K:** RG174/U, smaller diameter 50 ohm cable for greater flexibility in tight applications. It is best suited for use in low power situations where small size and flexibility is important.
- **2249-M:** RG62A/U, 93 ohm cable, use when higher impedance, > 75 ohms is required.
- 2249-Y: RG223/U, double shielded 50 ohm cable assembly for superior interference rejection.

Cable Designation	Туре	Impedance ohms	Capacitance per 1 foot / 0,304 meters	Power Loss /100 Ft @ 1 MHz		AWG	Center Strands X AWG	Wire Type	Jacket Material	Cable OD	Shield	Temperature (w/o connectors) °C
С	RG58C/U	50	30.8 pf	0.44 dB	PE	20	19X36	TC	PVCNC	.195	тсв	-40 to +85
E	RG59B/U	75	22.5 pf	0.60 dB	PE	23	Solid	BCCS	PVCNC	.242	BCB	-40 to +60
К	RG174/U	50	30.8 pf	1.90 dB	PE	26	7X34	BCCS	PVC	.110	ТСВ	-40 to +75
М	RG62A/U	93	13.5 pf	0.25 dB	SSPE	22	Solid	BCCS	PVCNC	.242	BCB / BCB	0 to +75
Y	RG223/U	50	30.8 pf	0.35 dB	PE	19	Solid	SPC	PVCNC	.212	SCB / SCB	-40 to +60
AWG = American Wire Gauge BCB = Bare Copper Braid								SCB = Silver Coated Braid SPC = Silver Plated Copper				
BCCS = Bare Copper Covered Steel								SSPE = Semi-Solid Polyethylene				
PE = Polyethylene							TC = Tinned Copper					
PVC = Polyvinyl Chloride								TCB = Tinned Copper Braid				
PVCNC = Polyvinyl Chloride Non-Contaminating												

RATINGS:

All dimensions are in inches. Tolerances (except noted): $.xx = \pm .02$ " (,51 mm), $.xxx = \pm .005$ " (,127 mm). All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies.

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Voltage: 500 Vrms max from center conductor to shield and 33 Vac / 70 Vdc max from shield to earth in controlled hands free testing environments. *For CE compliance*: not intended for hand-held use at voltage above 33 Vrms / 70 Vdc.

MATERIALS:

BNC Male: Body: Brass, Tarnish Resistant Nickel Plating Dielectric: PTFE Center Contact: Gold Plated Brass

Strain Relief: PVC molded directly to cable and connectors

ORDERING INFORMATION: Model 2249-type-length*

Cable Type: C, E, K, M, Y. (see table for detail).

Cable Length*: 6" (15,24cm), 12" (30,5cm), 24" (61,0cm), 36" (91,4cm), 48" (121,9cm), 60" (152,4cm), 72" (182,9cm), 96" (243,84cm), 120" (304,8cm), 144" (365,76cm), 180" (457,2cm), 240" (6096cm), 300" (762cm), 360" (914,4cm), 600" (1524cm).

Ordering Example: 2249-C-72 (type "C" cable with a 72" (182,9cm) length)

* Custom lengths are available, contact Pomona Technical Support: 800-241-2060 (technicalsupport@pomonatest.com)

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