



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



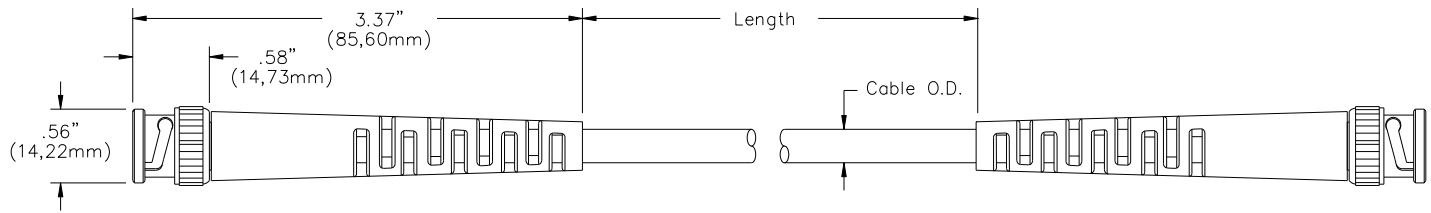
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FEATURES:

- ✓ 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.
- ✓ Gold plated center contacts assure the most noise free connection possible.
- ✓ 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.

RATINGS:

Cable Designation	Type	Impedance ohms	Capacitance per 1 foot / 0,304 meters	Power Loss /100 Ft @ 1 MHz	Insulation	AWG	Center Strands X AWG	Wire Type	Jacket Material	Cable OD	Shield	Temperature (w/o connectors) °C
C	RG58C/U	50	30.8 pf	0.44 dB	PE	20	19X36	TC	PVCNC	.195	TCB	-40 to +85
E	RG59B/U	75	22.5 pf	0.60 dB	PE	23	Solid	BCCS	PVCNC	.242	BCB	-40 to +60
K	RG174/U	50	30.8 pf	1.90 dB	PE	26	7X34	BCCS	PVC	.110	TCB	-40 to +75
M	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
 BCCS = Bare Copper Covered Steel
 PE = Polyethylene
 PVC = Polyvinyl Chloride
 PVCNC = Polyvinyl Chloride Non-Contaminating

SCB = Silver Coated Braid
 SPC = Silver Plated Copper
 SSPE = Semi-Solid Polyethylene
 TC = Tinned Copper
 TCB = Tinned Copper Braid

All dimensions are in inches. Tolerances (except noted): .xx = ±.02" (.51 mm), .xxx = ±.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.

Sales: 800-490-2361 Fax: 888-403-3360 Technical Support: 800-241-2060 (technicalsupport@pomonatest.com)
 For "Where to Buy" information, visit the Pomona web site at www.pomonaelectronics.com

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" (609,6cm), 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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