



WireGard™ Electrical Wire Connector GB-2 (Blue)

APPLICATION

Use GB-2 WireGard twist-on wire connector in general purpose applications of 2 or more copper wires. GB-2 connectors feature side knurling for easy grip.

SPECIFICATIONS

WireGard™ connectors shall feature straight type shell & steel inner spring and be suitable for connecting copper wire from # 22 to #16 AWG. Spring shall be plated to resist corrosion and have a square profile to provide secure contact with wires. Connectors shall be rated for use with 300 V building wire plus be UL listed and CSA certified for applications up to 105 °C. WireGard™ connectors must have few turn to meet required torque, meet or exceed UL pull out and dielectric test requirements.

INSTALLATION INSTRUCTIONS

- Strip wire $\frac{5}{16}$ " (8 mm). For 6 and 18 gauge stranded wires, strip $\frac{3}{8}$ " (10 mm).
- Pretwisting unnecessary. Hold stripped wires together with ends even. (Lead stranded wires slightly).
- Align any frayed strands or conductors.
- Screw on connector; push wires firmly into connector when starting.
- To be sold only with installation instructions.

⚠ WARNING: Shut off power before working on a circuit. Use approved materials and conform to all electrical codes.

CONSTRUCTION

Shell: Polypropylene, Color - Blue

Innerspring: Zinc plated, square profile steel wire

Temperature Rating: 105 °C (221 °F)

WIRE RANGE

#22 to #16 AWG Solid or Stranded conductors

Copper conductors only, 300 V max. building wire

REGULATORY APPROVALS

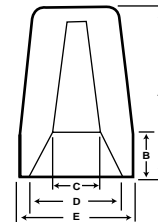
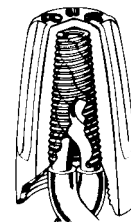
UL: List for pressure type wire connectors per UL 486C, file number 760R. UL94V-2 flame retardant.

CSA: Certified to CSA standard 22.2 No188, File LR36793



DIMENSIONS

Model		A	B	C	D	E
GB-2	(in)	$\frac{45}{64}$	$\frac{11}{64}$	$\frac{3}{16}$	$\frac{5}{16}$	$\frac{25}{64}$
	(mm)	17.9	4.4	4.8	7.9	9.9



LISTED WIRE COMBINATIONS

LISTED FOR USE WITH: COPPER TO COPPER Temperature rating: 105 °C (221 °F) Listed as a PRESSURE-TYPE wire connector for the following solid and/or stranded wire connections:

300 V max. building wire	1 #16 + 1 / 2 #18	2 #18 + 1 - 3 #20 / 22
2 / 3 #16	1 #16 + 1 - 4 #20 / 22	3 #18 + 1 / 2 #20 / 22
2 - 4 #18	1 / 2 #16 + 1 #20 + 1 #22	4 #18 + 1 #22
2 - 5 #20	2 #16 + 1 #18	1 #20 + 4 #22
3 - 5 #22	2 #16 + 1 / 2 #20	2 #20 + 2 / 3 #22
1 #14 + 1 #16 / 18	2 #16 + 1 - 3 #22	3 #20 + 1 / 2 #22
1 #14 + 1 - 3 #20	1 #18 + 1 - 4 #20	4 #20 + 1 #22
1 #14 + 1 - 4 #22	1 #18 + 3 / 4 #22	
	1 / 2 #18 + 1 #20 + 1 #22	