

MECHANICAL GROUNDING Cable Tray Ground Clamps

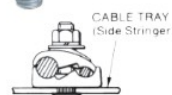
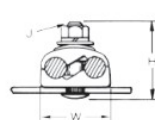
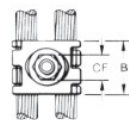
Type GC-CT Cable Tray Ground Clamp

This unique connector incorporates features which are unmatched. Made of tin-plated cast copper alloy, it accommodates either one or two conductors, copper or aluminum cable. In addition to a low profile head with a deep Phillips recess, the galvanized steel bolt has a ribbed neck which prevents rotation during installation when installed in a 0.44 diameter hole.

Rated for Direct Burial in earth or concrete

UL467 Listed for the US and Canadian Markets with copper conductor only

For aluminum conductor, the cable must be scratch brushed and PENETROX™ A joint compound must be applied on the cable and connector



NOTE:

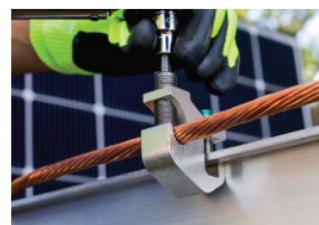
The bolt head is mounted on the inside wall of cable tray to avoid damage to the cable insulation. May be used with aluminum or galvanized steel cabletray.

Catalog Number	Accommodates Copper or Aluminum Conductor in either groove	B	CF	H	J	W
GC2525CT	#6 Sol. (0.16 Dia.) - 1/0 Str. (0.37 Dia.)	1.12	0.56	1.95	3/8	1.45
GC2626CT	#2 Sol. (0.26 Dia.) - 2/0 Str. (0.42 Dia.)	1.12	0.56	1.95	3/8	1.70
GC2929CT	2/0 Str. (0.41 Dia.) - 250 kcmil (0.58 Dia.)	1.12	0.56	2.20	3/8	1.98
GC3434CT	300 kcmil (0.63 Dia.) - 500 kcmil (0.81 Dia.)	2.00	0.75	3.31	1/2	2.48

Types BTCGC, BTCGC-SS Cu/Al Conductor to Al/Steel Cable Tray, Solar PV Module Frames or Galvanized Steel Purlins

Made of tin-plated aluminum, the BTCGC and BTCGC-SS cable tray and flange clamps accommodate aluminum or copper conductor #14 AWG through 250 kcmil. SS version is suitable for outdoor applications. The BTCGC clamp may be used with most types of cable tray with an inside or outside flange design or surfaces with flat flanges.

Quick and easy installation requiring no drilling or special tools; use with 1/2" maximum straight rail, aluminum and steel cable trays. Tin plated for durability and corrosion resistance.



Features & Benefits

- Tin plated aluminum for durable, long lasting corrosion resistance
- UL2703 Listed for solar applications within the US and Canadian Markets*
- UL467 Listed for the US and Canadian Markets
- Accommodates most common styles of cable tray with inside or outside flange
- Quick and easy installation; no drilling or special tools required
- Set screw bonds clamp to the mounting surface while another set screw securely fastens the grounding conductor to the clamp providing vibration resistance and outstanding pull-out values
- Grounding Green Stainless Steel Hardware*
- BTCGC4SS UL 2703 approved for Solar PV Module Frames up to 1/4" thick

Catalog Number	Copper or Aluminum Conductor	Max. Flange Thickness	L	W	H	Inst. Tooling	Rec. Inst. Torque (in-lb)		UL Surface Compatibility			
							Cable	Flange	Al Cable Tray	Steel Cable Tray	Anodized AL	Galv. Steel
BTCGC4SS	#14 AWG - #4 AWG	1/4" Max	1.35	0.50	1.30	7/16" Hex	30	50	Y	Y	Y	Y
BTCGC1/0SS	#12 AWG - 1/0 kcmil	3/8" Max	1.60	0.75	1.55	9/16" Hex	100	150	Y	Y	N	Y
BTCGC250SS*	#6 AWG - 250 kcmil	1/2" Max	2.25	0.88	2.43	1/4" Hex Key	225	150	Y	N	N	Y
BTCGC250	#6 AWG - 250 kcmil	1/2" Max	2.25	0.88	2.43	1/4" Hex Key	225	150	Y	N	N	Y

*Except BTCGC250



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