# PHYSICAL INFRASTRUCTURE SYSTEMS

B. Copper Systems





### PATENTED Access Floor Grounding Clamps

C. Fiber **Optic** Systems

D.

Power

over **Ethernet** 

E. Zone Cabling

Wireless

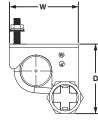
conductors to each other and bond the access floor pedestals to the conductors

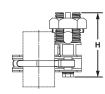
· Bond mesh common bonding network (MCBN)

- Specifically designed to bond perpendicular MCBN conductors per TIA-942 and TIA-607-B
- · Bond to the pedestal with a single bolt to simplify installation
- Accommodate conductors from #6 1/0 AWG, minimizes inventory requirements
- · Bond round and square access floor pedestals for greater flexibility









u.	
<b>Outlets</b>	

Н. Media Distribution

Ι. **Physical** Infrastructure Management

J. Overhead & Underfloor Routing

Surface Raceway

Cabinets, Racks & Cable Managemen<sup>a</sup>

M. **Grounding 8 Bonding** 

> N. Industrial

0. Labeling & Identification

Cable Management Accessories

> 0. Index

In	etalled on Pedest

I	nstal	led	on	Ped	lesta

	Round Square Pedestal Pedestal		MCBN Conductor Size Range	Figure Dimensions In.			Tightening Torque In. – Lbs.		Std. Pkg.	Std. Ctn.
Part Number	ln.	In.	AWĞ	D	W	Н	Conductor	Clamp	Qty.	
GPQC07-1/0	3/4 - 7/8	_	#6 SOL - 1/0 STR	4.25	3.38	3.19	385	150	1	10
GPQC10-1/0	1 – 1 1/8	7/8	#6 SOL - 1/0 STR	4.19	3.38	3.19	385	150	1	10
GPQC12-1/0	1 1/4	_	#6 SOL - 1/0 STR	4.53	3.44	3.19	385	150	1	10
GPQC15-1/0	1 1/2	_	#6 SOL - 1/0 STR	4.47	3.44	3.19	385	150	1	10
GPQC17-1/0	1 3/4	_	#6 SOL - 1/0 STR	5.19	4.00	3.19	385	150	1	10
GPQC20-1/0	2	_	#6 SOL - 1/0 STR	5.06	4.00	3.19	385	150	1	10



## Split Bolt Quad Clamp, Bronze



- · Split bolt design allows easy insertion of perpendicular conductors speeding installation
- UL 467 Listed and CSA Certified for direct burial in earth or concrete
- UL Listed and CSA Certified for use up to 600 V and temperature rated 90°C
- · Each clamp accepts up to two conductors for a high performance bond with faster installation
- · Wide wire range-taking capability minimizes inventory requirements
- Made from high strength, electrolytic bronze to provide reliable grounding connections

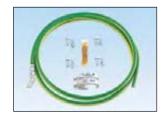




	Conductor Figu		re Dimens In.	ions	Tightening Torque	Std. Pkg.
Part Number	Range	E	W	L	In. – Lbs.	Qty.
SBQC1/0-X	#6-1/0 AWG	0.75	1.50	2.00	#6 – #4 AWG – 165 #3 – #1 AWG – 275 1/0 AWG – 385	10

### Common Bonding Network (CBN) Jumper Kits

- · Bond the rack or cabinet to the MCBN
- HTAPs, included in kits, require crimping tool and die; see the CT-930 crimping tool on page M.47, the CT-2930/L and CT-2930/LE crimping tools on page M.48 and the CD-930H-250 and CD-920H-2 crimping dies on page M.49
- HTAPs are UL Listed and CSA Certified for applications up to 600 V when crimped with Panduit and specified competitor crimping tools and Panduit crimping dies
- · Engineered to comply with US and International grounding requirements



Part Number	MCBN Conductor Size AWG	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
RGCBNJ660P22	HTCT2-2-1 #6 – #2 AWG	#6 AWG (16mm²) jumper; 60" (1.52m) length; 45° bent lug on grounding strip side; provided with .16 oz. (5cc) of antioxidant, two each #12-24 x 1/2", M6	1	10
RGCBNJ660PY	HTCT250-2-1 #2 AWG – 250 kcmil	x 12mm, #10-32 x 1/2" and M5 x 12mm thread- forming screws and a copper compression HTAP* for connecting to the MCBN.	1	10

<sup>\*</sup>HTAPs also sold separately, see pages M.41-M.42 of SA-NCCB51.