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StructuredGround™ Access Floor Grounding Clamps

PANDUIT®

SPECIFICATION SHEET

specifications

The mesh common bonding network (MCBN) (a.k.a. Mesh-BN) shall be installed beneath the access floor. The MCBN shall be constructed of a minimum of #6 AWG bare copper class B conductors. The conductors shall be installed in a grid pattern. At each conductor intersection, the conductors shall be in direct contact with one another and be bonded to each other by a single grounding clamp. The grounding clamp shall create a bond to the access floor by bonding the pedestals to the MCBN conductors. MCBN grid shall be on minimum ten foot centers. All metallic elements shall be bonded to the MCBN, including rack/cabinet jumpers, cable pathways, water pipes and HVAC units. The access floor grounding clamp shall be TIA-607-B compliant, listed for grounding with a nationally recognized testing laboratory, capable of withstanding fault currents, and RoHS compliant.



technical information

Industry standards: TIA-607-B Compliant, UL 467 Listed (Grounding), CSA Certified (Grounding), RoHS Compliant

Dimensions:

Part Number	Dimensions - In.			Pedestal Size & Type
	Width	Depth	Height	
GPQC07-1/0	3.38	4.25	3.19	3/4" Round 7/8" Round
GPQC10-1/0	3.38	4.19	3.19	7/8" Square 1" Round, 1-1/8" Round
GPQC12-1/0	3.44	4.53	3.19	1-1/4" Round
GPQC15-1/0	3.44	4.47	3.19	1-1/2" Round
GPQC17-1/0	4.00	5.19	3.19	1-3/4" Round
GPQC20-1/0	4.00	5.06	3.19	2" Round

key features and benefits

Quad bolt design	Minimizes MCBN resistance to create a high performance bond of one or two perpendicular conductors; holds a single MCBN conductor in place while other conductor is being pulled for a faster installation
Wide wire range-taking capability	Accommodates conductors from #6 – 1/0 AWG which minimizes inventory requirements
Captive U-bolt design	Single hinged bolt allows installation in one-third the time of similar products

applications

Panduit® StructuredGround™ Access Floor Grounding Clamps include innovative design features to install MCBNs faster than with other manufacturers' clamps. This superior solution provides a visually verifiable, high quality bond between the MCBN conductors and access floor to protect network equipment and personnel, maintain system performance, and maximize uptime. The access floor grounding clamp is part of the comprehensive StructuredGround™ Grounding System – the only complete grounding system engineered to exceed industry standards.

For the complete StructuredGround™ Grounding System offering, refer to www.panduit.com/dcgrounding

www.panduit.com

Related Products

Copper Compression HTAPs and Clear Covers PATENTED

#6 – #2 AWG run, #6 – #2 AWG tap:	HTWC2-2-1
#2 AWG – 250 kcmil run, #6 – #2 AWG tap:	HTWC250-2-1

Bronze, U-Bolt Grounding Clamps

1/2" or 3/4" iron pipe size, #8 AWG SOL – #4 AWG STR:	GPL-8-Q
1" iron pipe size, #4 AWG SOL – 2/0 AWG STR:	GPL-15-X
1-1/4" iron pipe size, #4 AWG SOL – 2/0 AWG STR:	GPL-21-X
1-1/2" iron pipe size, #4 AWG SOL – 2/0 AWG STR:	GPL-27-X

Code Conductor, Thin Wall, Tin-Plated CTAPs

#6 AWG run, #6 AWG tap:	CTAPF4-12TP-C
#2 AWG run, #2 AWG tap:	CTAPF1/0-12TP-L
1/0 AWG run, 1/0 AWG tap:	CTAPF3/0-12TP-Q

Split Bolt, Copper

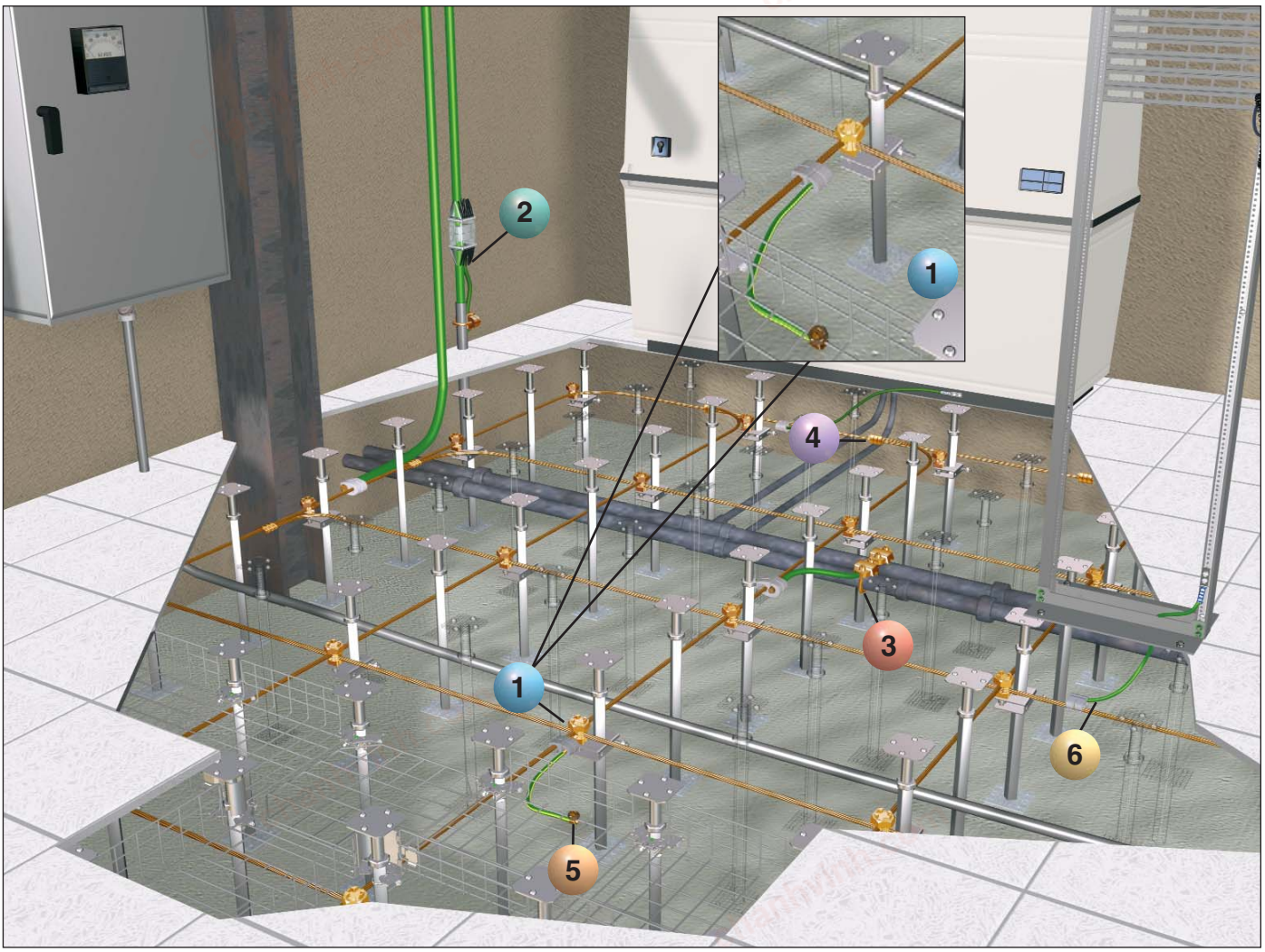
#6 AWG to wire basket:	SBC3-C

Common Bonding Network (CBN) Jumper Kit (factory terminated on one end)

60" L, #6 AWG, #6 – #2 AWG HTAP:	RGCBNJ660P22
60" L, #6 AWG, #2 AWG – 250 kcmil HTAP:	RGCBNJ660PY

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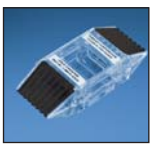


1 **Access Floor Grounding Clamp: GPQC**



2 **Copper Compression HTAP and Clear Cover: HTWC**





3 **Bronze, U-Bolt Grounding Clamp: GPL**



4 **Code Conductor, Thin Wall, Tin-Plated CTAP: CTAPF**



5 **Split Bolt, Copper: SBC**



6 **Common Bonding Network (CBN) Jumper Kit: RGCBNJ**



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