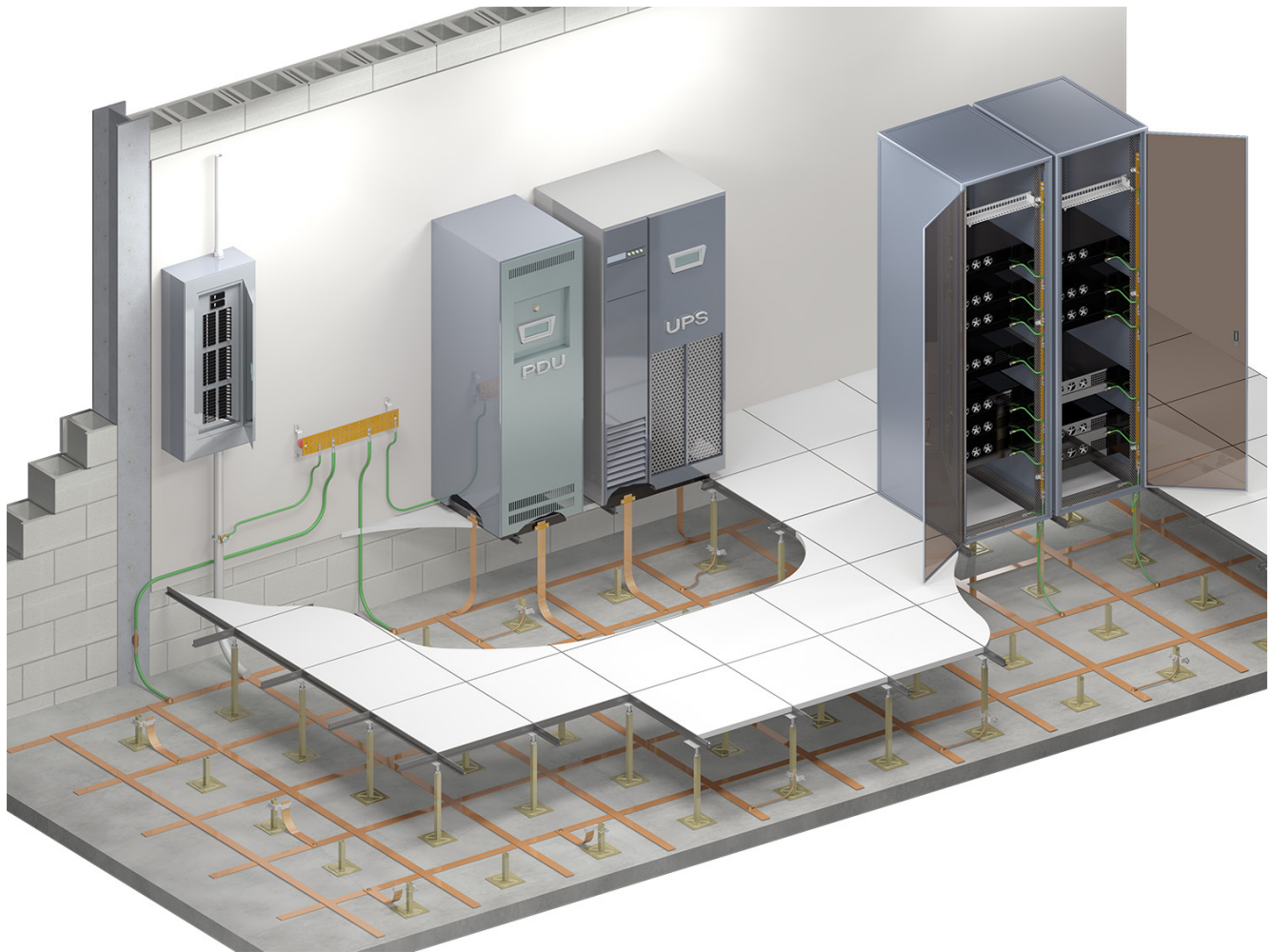


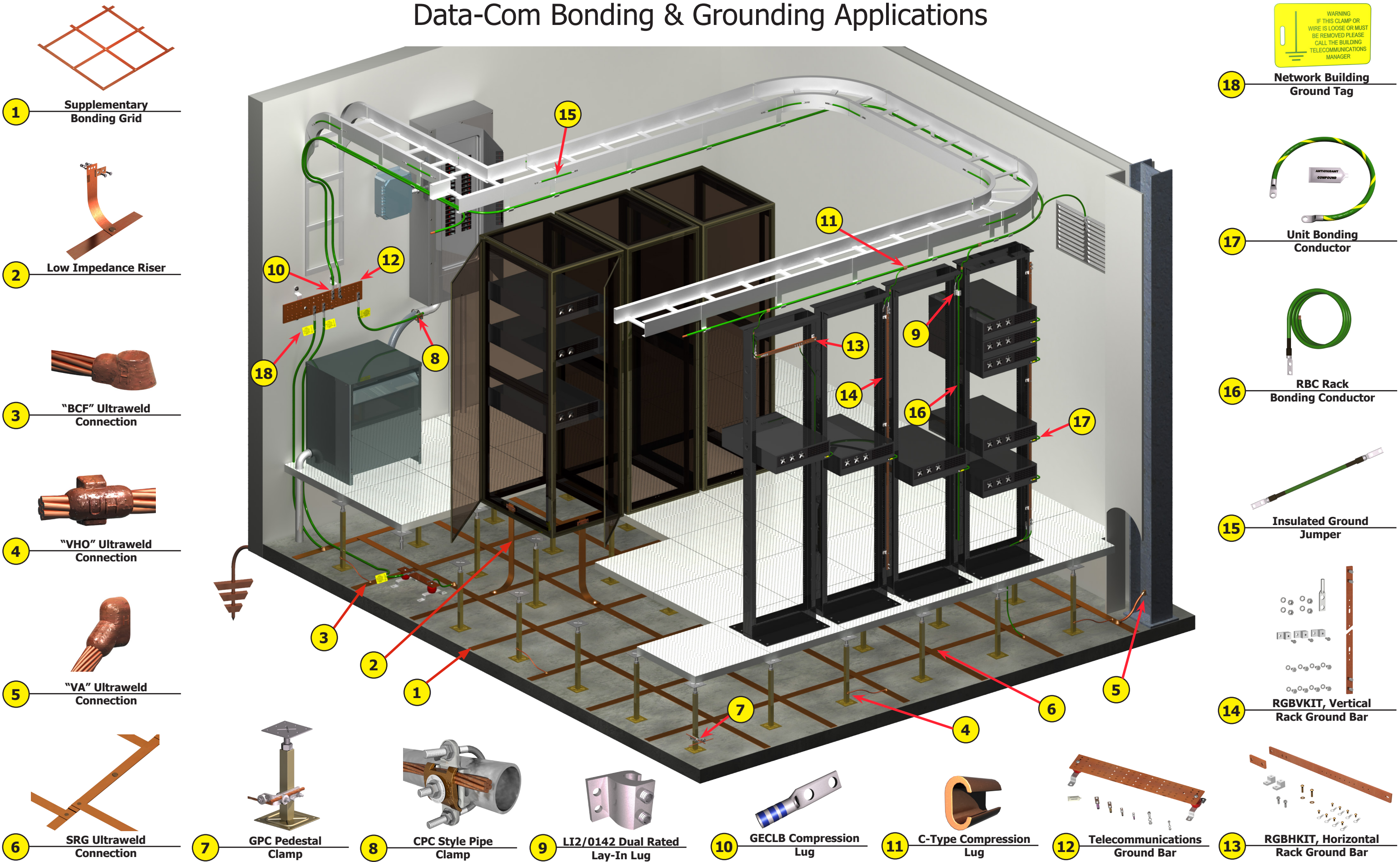
Data-Com Bonding & Grounding Equipment

Information & Communications Technology (ICT) Bonding & Grounding



Today's electronic environments require specialized
grounding applications.
Harger provides the knowledge and products required to
protect these sensitive systems.

Data-Com Bonding & Grounding Applications



WARNING:
IF THIS CLAMP OR
WIRE IS LOOSE OR MUST
BE REMOVED PLEASE
CALL THE BUILDING
TELECOMMUNICATIONS
MANAGER.

18 Network Building Ground Tag

17 Unit Bonding Conductor

16 RBC Rack Bonding Conductor

15 Insulated Ground Jumper

14 RGBVKIT, Vertical Rack Ground Bar

13 RGBHKIT, Horizontal Rack Ground Bar

12 Telecommunications Ground Bar

11 C-Type Compression Lug

10 GECLB Compression Lug

9 LI2/0142 Dual Rated Lay-In Lug

8 CPC Style Pipe Clamp

7 GPC Pedestal Clamp

6 SRG Ultraweld Connection

5 "VA" Ultraweld Connection

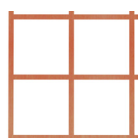
4 "VHO" Ultraweld Connection

3 "BCF" Ultraweld Connection

2 Low Impedance Riser

1 Supplementary Bonding Grid

Data-Com Bonding & Grounding Equipment

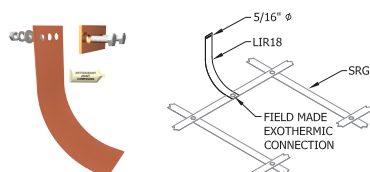


UL Listed 467

1 - Supplementary Bonding Grids

Part No.	Description
SRG105024	10' x 50', 24" O.C. Spacing
SRG125024	12' x 50', 24" O.C. Spacing

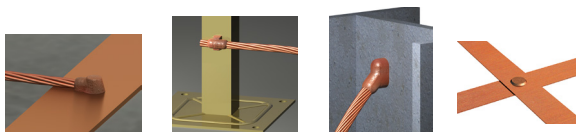
- 2" x .016" flat copper conductor.



2 - Low Impedance Risers & Kits

Part No.	Material	Length	Riser or Kit
LIR18	2" x .016" Flat Copper	18"	Riser
LIR18KIT	2" x .016" Flat Copper	18"	Kit
LIR24	2" x .016" Flat Copper	24"	Riser
LIR24KIT	2" x .016" Flat Copper	24"	Kit

- Kit includes all necessary hardware.
- Use mold SRG2016K to weld LIR to SRG.
- Other sizes available, please contact factory.



3, 4, 5, 6 - Ultraweld Connections Low Smoke-No Flame Exothermic Molds

Part No.	Description	Weld Metal	Required Handle
BCF61.5016B	#6 Str to SRG Strip	US25	MH1
VHO61SQMXSX	#6 Str to 1" Sq. Pedestal	US25	MH4
VA6B	#6 to Vertical Flat Steel	US45	MH1
SRG2016K	SRG to SRG Weld	US32	MH1

- For other SRG connections, please contact factory.
- All molds that require a MH1 handle, require the USSKIT1 to become Low Smoke-No Flame.
- All Low Smoke-No Flame systems require the use of UltraShot.



7 - GPC Pedestal Clamps

Part No.	U-Bolt Type	Pedestal Size	Conductor Size (AWG)
GPC6SQ	Square	1" (1-1/8" OD)	6
GPC6RD	Round	1" (1-1/8" OD)	6
GPC4SQ	Square	1" (1-1/8" OD)	4
GPC4RD	Round	1" (1-1/8" OD)	4
GPC2SQ	Square	1" (1-1/8" OD)	2
GPC2RD	Round	1" (1-1/8" OD)	2
GPC2/ORD1.75	Round	1-1/8" - 1-3/4"	2/0 & 6



8 - CPC Pipe Clamps

Part No.	Material	Nom. Pipe Size Range	Pipe Outside Diameter
CPC.5/.75	Tinned Bronze	.5" - .75"	.375" - 1"
CPC1/1.25	Tinned Bronze	1" - 1.25"	.75" - 1.7"
CPC1.5/2	Tinned Bronze	1.5" - 2"	1" - 2.4"
CPC2.5/3	Tinned Bronze	2.5" - 3"	2.25" - 3.5"
CPC3.5/4	Tinned Bronze	3.5" - 4"	3.2" - 4.5"
CPC5/6	Tinned Bronze	5" - 6"	4.75" - 6.63"



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9 - Lay-In Lug

Part No.	LI2/0142
Size	1-5/8" x 1-1/2"
Material	Electro-tin Plated Aluminum (6061-T6)
Accepts Conductors	2/0 to 14 AWG
Includes	(2) 3/8" x 1" Hex Socket Set Screws
Requires	3/16" Hex Key (not included)
Features	Dual Rated, UL486B Listed



UL Listed 486

UL Listed 467



10 - GECLB Compression Lugs

Part No.	Cable Size (AWG)	OC Dim. B/T Holes	Hole Size	Color Code
GECLB62A	6	5/8"	1/4"	Blue
GECLB62C	6	1"	3/8"	Blue
GECLB22A	2	5/8"	1/4"	Brown
GECLB22C	2	1"	3/8"	Brown
GECLB1/02C	1/0	1"	3/8"	Pink
GECLB2/02C	2/0	1"	3/8"	Black
GECLB3/02C	3/0	1"	3/8"	Orange
GECLB4/02C	4/0	1"	3/8"	Purple



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11 - Heavy Duty C-Taps

Part No.	Conductor Run (AWG)	Conductor Tap (AWG)
CT2248	#2 Stranded #2 Solid	#4 Stranded #8 Solid
CT2222	#2 Stranded #2 Solid	#2 Stranded #2 Solid

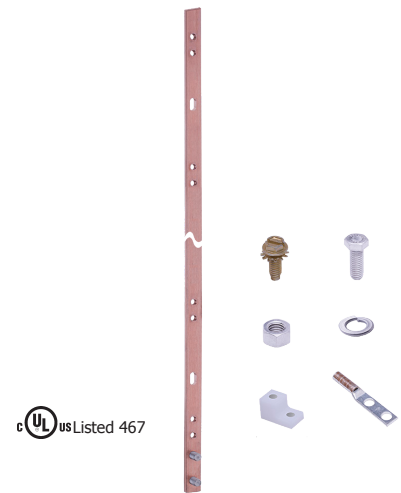
Data-Com Bonding & Grounding Equipment



12 - Telecommunication Ground Bars & Kits

Part No.	Bar Size	No. of 5/16" Hole Sets	No. of 7/16" Hole Sets	Bar or Kit
GBI1426TGB	1/4" x 2" x 6"	2	2	Bar
GBI1426TGBKT	1/4" x 2" x 6"	2	2	Kit
GBI14212TGB	1/4" x 2" x 12"	6	3	Bar
GBI14212TGBKT	1/4" x 2" x 12"	6	3	Kit
GBI14412TMGB	1/4" x 4" x 12"	12	6	Bar
GBI14412TMGBKT	1/4" x 4" x 12"	12	6	Kit
GBI14420TMGB	1/4" x 4" x 20"	24	6	Bar
GBI14420TMGBKT	1/4" x 4" x 20"	24	6	Kit

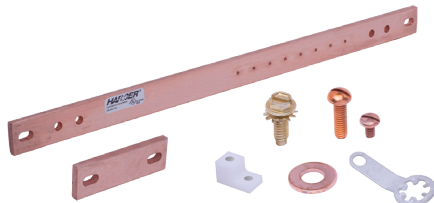
- Kit includes lugs and hardware.



14 - Vertical Rack Ground Bars & Kits

Part No.	Bar Size	Bar or Kit
RGBV145836A	1/4" x 5/8" x 36"	Bar
RGBVKIT145836A	1/4" x 5/8" x 36"	Kit
RGBV145872A	1/4" x 5/8" x 72"	Bar
RGBVKIT145872A	1/4" x 5/8" x 72"	Kit

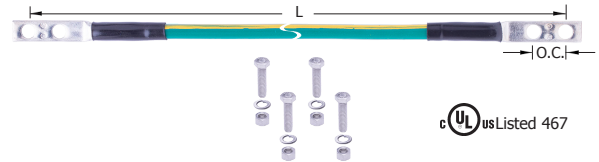
- Kit includes lugs and all necessary hardware.



13 - Horizontal Rack Ground Bars & Kits

Part No.	Bar Size	Bar or Kit
RGBH14119.25	1/4" x 1" x 19-1/4"	Bar
RGBHKIT14119.25	1/4" x 1" x 19-1/4"	Kit
RGBH14123.25	1/4" x 1" x 23-1/4"	Bar
RGBHKIT14123.25	1/4" x 1" x 23-1/4"	Kit
RGBH14135.25	1/4" x 1" x 35-1/4"	Bar
RGBHKIT14135.25	1/4" x 1" x 35-1/4"	Kit

- Bar includes splice plate. Kit includes splice plate, mounting hardware and ring terminals.



15 - Insulated Ground Jumpers & Kits

Part No.	Conductor Type	Length	No. of Holes Per Side	Hole Size	Jumper or Kit
GJ67G82A1/4	67G	8"	2	1/4"	Jumper
GJ67G82A1/4KIT	67G	8"	2	1/4"	Kit
GJ67G102A1/4	67G	10"	2	1/4"	Jumper
GJ67G102A1/4KIT	67G	10"	2	1/4"	Kit
GJ67G122A1/4	67G	12"	2	1/4"	Jumper
GJ67G122A1/4KIT	67G	12"	2	1/4"	Kit

- #6 AWG x 7 Strand Green THW insulation.
- Kit includes all necessary hardware.
- Spacing between bolt holes is 5/8" on center.

16 - Rack Bonding Jumper Kit

Part No.	RGJ67G1082AKIT
Conductor Type	#6 AWG x 7 Strand THW Green
Conductor Length	9 ft.
No. of Holes	2
Hole Size	1/4"
On Center Spacing	5/8"

- Kit includes all necessary hardware.



Data-Com Bonding & Grounding Equipment



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17 - One Hole Unit Bonding Conductor Kits

Part No.	Conductor Type	Length	No. of Holes Per Side	Hole Size A	Hole Size B
UBC61411/4KIT5	6MTWG/YS	14	1	1/4"	1/4"
UBC61811/4KIT5	6MTWG/YS	18	1	1/4"	1/4"
UBC63211/4KIT5	6MTWG/YS	32	1	1/4"	1/4"

- Conductor type is #6 MTW wire with Green insulation and yellow spiral stripe.
- Kit includes 5 jumpers and 1 antioxidant (HAAJC1/2).



18 - Network Building Ground Tag

Part No.	Material
GRNTAG607PK10	Plastic

- Dimensions are 2.125" x 3.75".
- Yellow tag with green text.
- Tag is UV Resistant.

DRONE Controller



Part No.

DRONE

Data-Com Cable Chart*

Conductor Size (AWG)	TBB/BBC Linear Conductor Length m (ft)
6	less than 4 (13)
4	4 - 6 (14 - 20)
3	6 - 8 (21 - 26)
2	8 - 10 (27 - 33)
1	10 - 13 (34 - 41)
1/0	13 - 16 (42 - 52)
2/0	16 - 20 (53 - 66)
3/0	20 - 26 (67 - 84)
4/0	26 - 32 (85 - 105)
250 kcmil	32 - 38 (106 - 125)
300 kcmil	38 - 46 (126 - 150)
350 kcmil	46 - 53 (151 - 175)
500 kcmil	53 - 76 (176 - 250)
600 kcmil	76 - 91 (251 - 300)
750 kcmil	Greater than 91 (301)

*ANSI/TIA 607-C

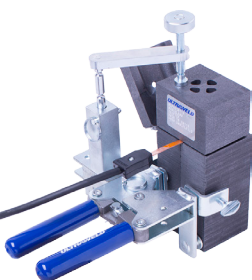
Low Smoke-No Flame System



Part No.

USSKIT1

- Kit Includes:
- (1) Adapter Clamp
 - (1) Filter Housing
 - (10) Filters



Standard Mold

DRONE

Shown with Low Smoke-No Flame System

Other Harger Products

- ◆ Grounding Busbars
- ◆ Fence Grounding
- ◆ Wireless Communication Equipment
- ◆ Grounding Connectors
- ◆ Ultraweld® Exothermic Connections featuring UltraShot® and NUWTube®
- ◆ Lightning Protection
- ◆ Specialized Ground Electrodes
- ◆ Rail Products



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