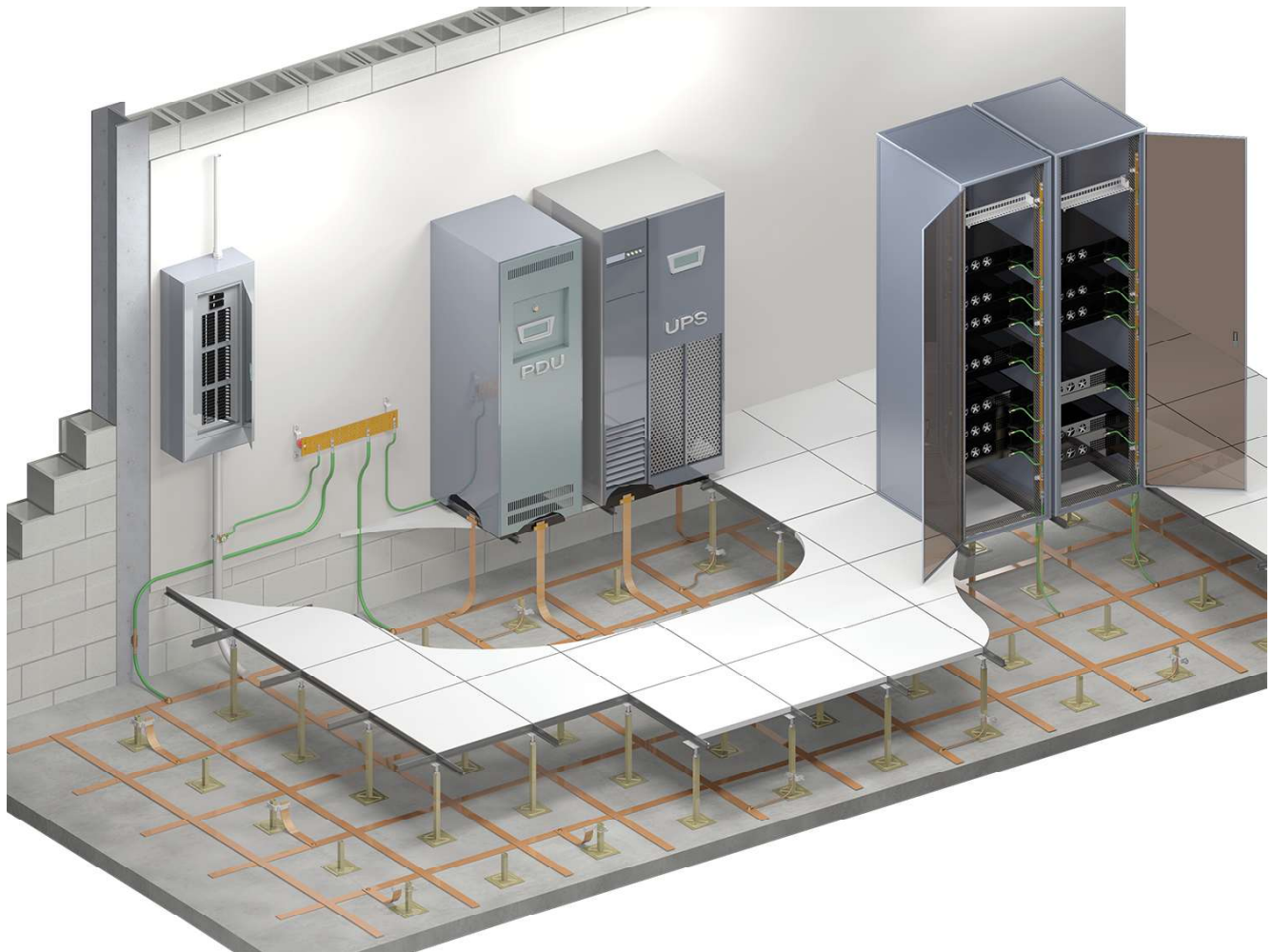
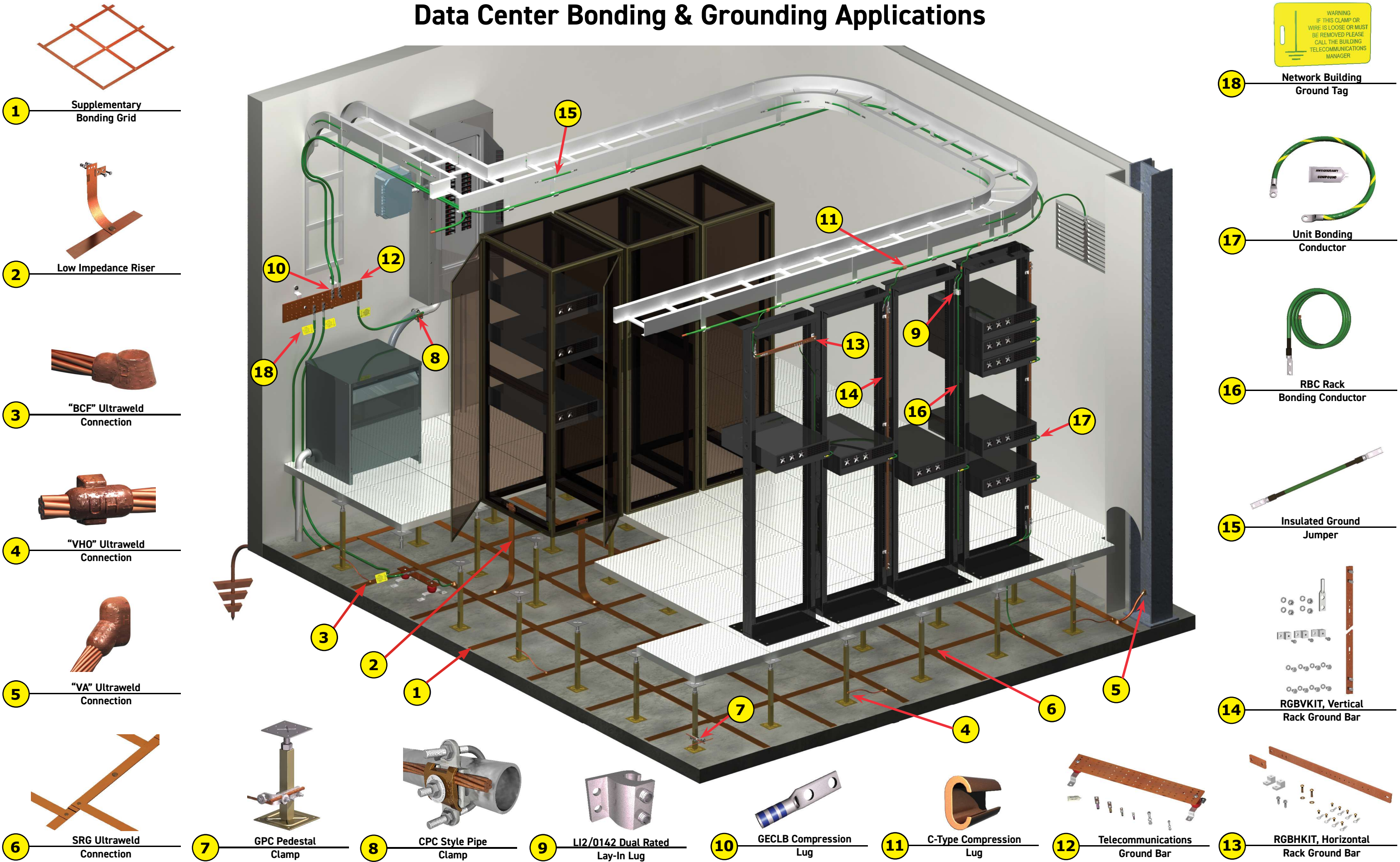


Information & Communications Technology (ICT) Bonding & Grounding

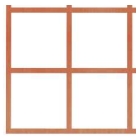


Today's electronic environments require specialized grounding applications. Harger provides the knowledge and products required to protect these sensitive systems.

Data Center Bonding & Grounding Applications



Data Center Bonding & Grounding Equipment

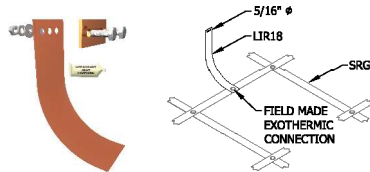


UL Listed 467

1 - Supplementary Bonding Grids

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

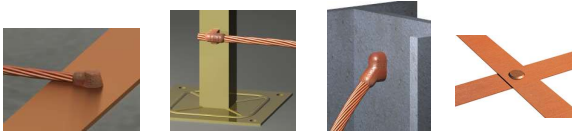
- 2" x .016" flat copper conductor.



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 Exothermic LOsmoke System

Part No.	Description	Weld Metal	Required Handle
BCF61.5016B	#6 Str to SRG Strip	US25	MH1
VHO61SQB	#6 Str to 1" Sq. Pedestal	US25	MH1
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 LOsmoke.
- All LOsmoke 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
GPC2/0RD1.75	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"

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



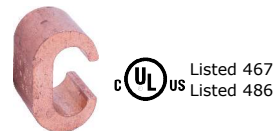
10 - GECLB Compression Lugs

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



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 Center 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
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

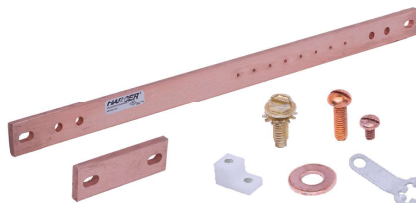
- Kit includes lugs and hardware.



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

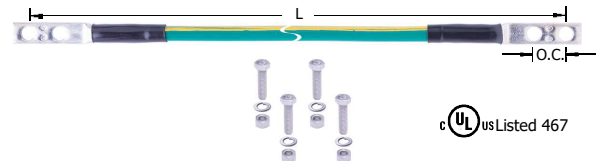
- Kit includes lugs and all necessary hardware.



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-2 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-2 Green
Conductor Length	9 ft.
No. of Holes	2
Hole Size	1/4"
On Center Spacing	5/8"

- Kit includes all necessary hardware.



Data Center 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 Center 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)

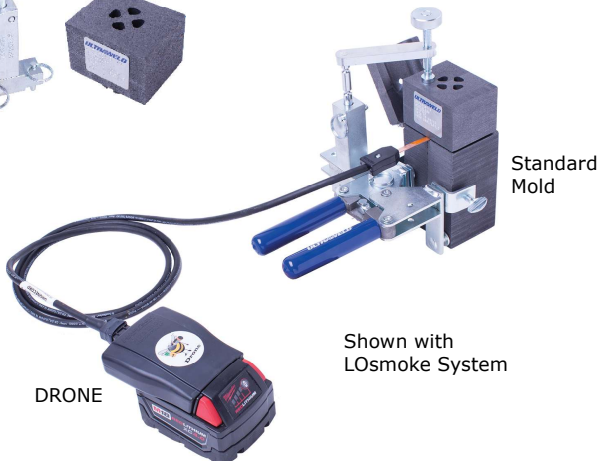
*ANSI/TIA 607-E

LOsmoke System



Part No.
USSKIT1

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



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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