



Features

- 16-gauge construction
- U.L. listed, File # E72109

Specifications

Gridiron junction boxes provide an interface between hard building wiring and flexible multiconductor cable.

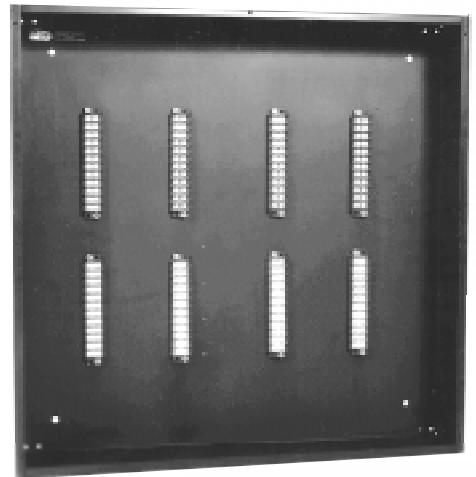
Gridiron junction boxes are fabricated from 16-gauge steel, primed and painted with cured black polane.

Two 30 Amp terminals shall be provided for each circuit as required. Supports 10-12 wire gauge.

Engraving or lamacoid labels are available on special order.

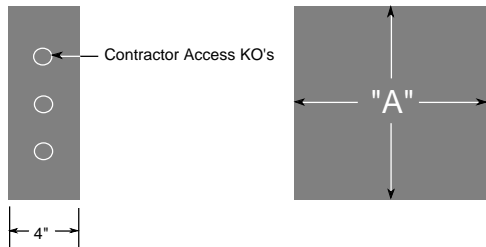
Junction boxes are equipped with grounding lugs.

Gridiron Junction Boxes



Ordering Information

Dimensions



Catalog Number	Number of Circuits	Dimension
5001	6	8 x 8 x 4
5002	12	10 x 10 x 4
5003	18	12 x 12 x 4
5004 (Shown)	24	15 x 15 x 4
5005	30	18 x 18 x 4
5006	36	24 x 24 x 4
5007	48	24 x 24 x 4

Other sizes and ratings available on request

Junction Box Dimension "A"	Contractor Access (KO's) per side
8 x 8	2
10 x 10	3
12 x 12	3
15 x 15	3
18 x 18	4
24 x 24	5

Junction Box:

(NOTE: All distribution model numbers are prefaced by 655-).

- 5001 (6/12)
 5003 (18/36)
 5005 (30/60)
 5007 (48/96)
 5002 (12/24)
 5004 (24/48)
 5006 (36/72)

JOB NUMBER:

APPROVAL STAMP

JOB NAME:

CUSTOMER:

P. O. #

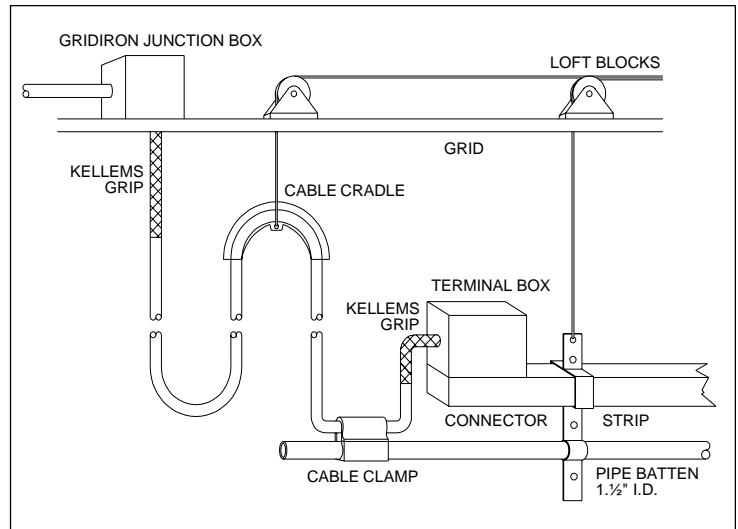
Applications

For heavy-duty service such as tools, portable lights, portable stage lighting, and equipment exposed to oils, solvents, flame, moisture, grease, ozone and weather. Also for use as portable power, ground, test or motor leads.

Suitable also as a portable control cable.

Wire Specifications (Specify Gauge)

1. Single conductor: stranded copper conductor; RH heat-resistant grade rubber insulation per ASTM D-754; reinforcing cotton braid; oil-resistant black neoprene jacket per ASTM D-752 (per UL 62).
2. Multiple conductors: stranded copper conductor; separator; color-coded RHW rubber insulation ASTM D-1679; cabled with fillers; separator; oil-resistant neoprene jacket per ASTM D-752.
3. Ampacities (Amps per Conductor) are based on 30° C. ambient temperature in air.



Accessories

Kellems Grip: Designed as strain relief for multiconductor cable from the gridiron junction box.

Cable Cradel: Designed to carry and trim multiconductor cable. Cradle raises and lowers as electric moves. Cradle helps support weight of multiconductor. #5110 cradle carries up to 1.25 D. cable. #5120 carries up to 2.35 D.

Cable Clamp: Secures multiconductor cable to pipe batten. Relieves tension from terminal strips inside connector strip.

Pipe Batten: Supports connector strip mounting to stage rigging. Batten is 1 1/2" I.D. schedule 40 black pipe.

Ordering Information

Cable Model No.	Max. O. D.	Weight Lbs. per M. Ft	Kellems Grip	Cradle	Clamp
(655)-7200 <input type="checkbox"/> 12/5	.735	322	<input type="checkbox"/> 5101	<input type="checkbox"/> 5110	<input type="checkbox"/> 5130
-7300 <input type="checkbox"/> 12/8	.920	475	<input type="checkbox"/> 5102	<input type="checkbox"/>	<input type="checkbox"/>
-7400 <input type="checkbox"/> 12/10	1.020	581	<input type="checkbox"/> 5103	<input type="checkbox"/>	<input type="checkbox"/>
-5200 <input type="checkbox"/> 12/12	1.050	645	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-5300 <input type="checkbox"/> 12/16	1.160	840	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-5400 <input type="checkbox"/> 12/24	1.443	1220	<input type="checkbox"/> 5104	<input type="checkbox"/> 5120	<input type="checkbox"/>
-5500 <input type="checkbox"/> 12/26	1.443	1290	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-5600 <input type="checkbox"/> 12/30	1.523	1450	<input type="checkbox"/> 5105	<input type="checkbox"/>	<input type="checkbox"/>
-5700 <input type="checkbox"/> 12/36	1.685	1775	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-5800 <input type="checkbox"/> 12/40	1.820	1990	<input type="checkbox"/> 5106	<input type="checkbox"/>	<input type="checkbox"/>
-5900 <input type="checkbox"/> 12/44	1.900	2140	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 12/48	1.930	2300	<input type="checkbox"/> 5107	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 12/56	2.020	2600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

JOB NUMBER:

APPROVAL STAMP

JOB NAME:

CUSTOMER:

P. O. #

Specifications subject to change without notice. Specification applicable to standard products only.
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