

# Telecommunications Main Grounding Bar (TMGB)

## Applications and Features:

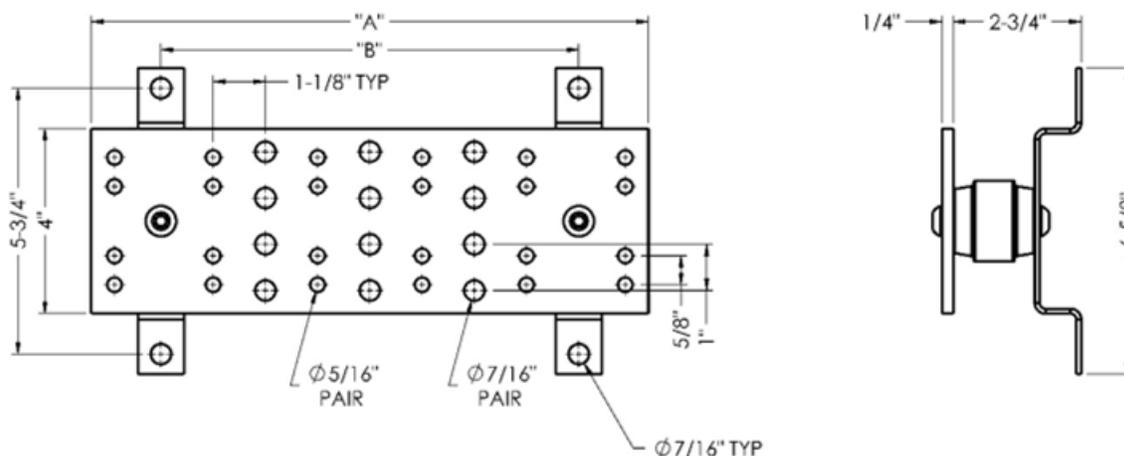
Watteredge's Telecommunication Main Grounding Bars are UL listed grounding bars that meet the requirements of ANSI/TIA/EIA-J-STD-607 for use in the wall mount grounding connection point for telecommunication bonding backbones, building ground electrode system and equipment. They are 4" wide by 1/4" thick with two-hole patterns for use with two-hole cable lugs. Bus bars are shipped preassembled. Other configurations are available on request.

### Construction:

- Conductor: Copper Bar, 1/4" thick per ASTM B187 and UNS-C11000
- Plating: Bare or Electro-tin plated as noted
- Insulation: Glass reinforced thermoset polyester (BMC), Indoor rating: 2000 volts, UL 94 V-0
- Bracket: 300 Series Stainless Steel, 12AWG (0.105") thick minimum
- Fasteners: Type 18-8 Stainless Steel, 3/8"

### Specifications:

- ASTM B187 Standard Specification for Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar and Shapes
- UL 467 Standard for Grounding and Bonding Equipment
- CAN/CSA-C22.2 No. 41-13 Canadian Standard for Grounding and Bonding Equipment
- UL 94 V-0 for self-extinguishing materials
- UL 891, Annex G Panelboard and switchboard insulators
- ANSI/TIA/EIA-J-STD-607 Telecommunications Bonding and Grounding (Earthing)



Part Number	Length "A" in [mm]	Mount width "B" in [mm]	7/16" Hole Pair Qty	5/16" Hole Pair Qty	Weight lbs [kg]	Availability
035-14861-6/12	12" [305]	9" [228]	6	12	4.7 [2.13]	Stock
035-14861-6/16	14-1/4" [362]	9" [228]	6	16	5.4 [2.44]	1 week
035-14861-6/20	16-1/2" [419]	9" [228]	6	20	6.1 [2.75]	1 week
035-14864	20" [508]	9" [228]	6	24	7.1 [3.24]	Stock
035-14861-10/28	23-1/4" [591]	18" [457]	10	28	8.0 [3.65]	1 week
035-14861-10/36	27-3/4" [705]	18" [457]	10	36	9.4 [4.26]	1 week

Note: Add a "T" to the end of part number for Tin plated copper. Bare copper part numbers are standard stock items

