

GROUNDING HARDWARE

GROUND BLOCKS



BLUE INSULATOR: TRADEMARKED

FEATURES

- **Higher Electrical Performance for Satellite Frequencies**
- **Single, Dual & Extended Lengths**
- **Patented Splice Design**
- **UL-Listed Models Available**
- **High Return Loss (>35 dB)**
- **Lower Insertion Loss Splice**
- **SCTE Compliant Flat Port Ends**
- **Machined Threads**

STAINLESS STEEL GROUND BLOCKS

GRB-S : GRB-SL

Holland Electronics' stainless steel series ground blocks offer the advantage of anti-corrosive characteristics and a brass splice for exceptional electrical performance. These ground blocks accept a wide range of ground wire sizes.

HIGH-PERFORMANCE SINGLE GROUND BLOCKS

G-G2B2 : GL-G2B2

Holland Electronics' high-performance ground blocks utilize a zinc base and brass splice. Standard and extended length models available. These ground blocks accept a wide range of ground wire sizes.

HIGH-PERFORMANCE DUAL GROUND BLOCKS

GRB-2DHR : GRB-2THRUL

Holland Electronics' high-performance ground blocks feature a zinc body with machined threads and multiple ground screw configurations. These grounding blocks are nickel plated and utilize stainless steel ground screws for maximum outdoor survivability.

STANDARD SINGLE GROUND BLOCK

GRB-1

Holland Electronics' standard series zinc ground block is available in a single splice model.

Applicable Patents - reference: S / U / V / W / X - See page 111 for patent details

GROUND BLOCKS

SPECIFICATIONS

ELECTRICAL	GRB-S	GRB-SL	G-G2B2	GL-G2B2	GRB-2DHR	GRB-2THRUL	GRB-1
Frequency Range	DC - 3 GHz	DC - 3 GHz	DC - 3 GHz	DC - 3 GHz	DC - 3 GHz	DC - 3 GHz	DC -2.15 GHz
Insertion Loss	< .1 dB (1 GHz) < .2 dB (2 GHz) < .3 dB (3 GHz)	< .1 dB (1 GHz) < .2 dB (2 GHz) < .3 dB (3 GHz)	< .1 dB (1 GHz) < .2 dB (2 GHz) < .3 dB (3 GHz)	< .1 dB (1 GHz) < .2 dB (2 GHz) < .3 dB (3 GHz)	< .1 dB (1 GHz) < .2 dB (2 GHz) < .3 dB (3 GHz)	< .1 dB (1 GHz) < .2 dB (2 GHz) < .3 dB (3 GHz)	< .1 dB (1 GHz) < .2 dB (2.15 GHz) < .2 dB (2.15 GHz)
Return Loss (1 GHz/2 GHz/3 GHz)	35 / 30 / 26	35 / 30 / 26	35 / 30 / 26	35 / 30 / 26	35 / 25 / 20	35 / 25 / 20	25
Pin Holding Force (Initial)	200g	200g	200g	200g	200g	200g	200g
MECHANICAL							
Splice Length (mm)	27	34.6	25.7	34.6	25.8	25.6	25.7
Body Material	SS / Brass	SS / Brass	Zinc / Brass	Zinc / Brass	Zinc	Zinc	Zinc
Groundscrews / Material	1 / Stainless	1 / Stainless	1 / Steel	1 / Steel	2 / Stainless	3 / Stainless	1 / Stainless
Groundwire Range (AWG)	10 - 14	10 - 14	10 - 14*	10 - 14*	10 - 14	8 - 14, 17**	8-17***
Contact Pin	BeCu	BeCu	BeCu	BeCu	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze
Insulator	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	PP

NOTE: All specifications typical unless otherwise noted.

* UL listing applies to 10 gauge wire only.

** UL listed for 8-14 AWG solid copper wire and 17 AWG copper clad steel wire.

*** Not a UL listed model

HARDWARE

MODELS A-6 : A-10 : A-2 : A-3 : A-22

HOOKS

Holland Electronics offers a variety of hardware for CATV and Satellite installations.



A-6



A-10



A-2



A-3



A-22

MODEL #	DESCRIPTION	MATERIAL
A-6	J Hook	Galvanized Steel
A-10	P Hook	Plated Steel
A-2	Q-Span Clamp	Aluminum Clamp, Galvanized Steel Bolt
A-3	C-Span Clamp	Aluminum Clamp, Galvanized Steel Bolt
A-22, A-22-12	4" Tap Bracket, 12" Tap Bracket	Aluminum Bracket, Galvanized Bolt

GROUNDING HARDWARE

SPLIT BOLTS : GROUND CLAMPS : GROUND STRAPS : GROUNDING RODS

SPLIT BOLTS / GROUND CLAMPS



SB-4



SB-6



SB-8



A-5/8

MODEL #	DESCRIPTION	INTENDED USE	MATERIAL
SB-4,6,8	Split Bolt	Copper to Copper Bonding	Copper Plated Brass
A-5/8	Brass Ground Clamp	Secures Ground Wire To Ground	Copper Plated Brass

GROUND STRAPS

Available in 6", 9", 12" and 24" lengths, copper or galvanized steel available.



MODEL A-24-6, 9, 12



MODEL A-24-6G, 9G, 12G

MODEL #	LENGTH	PIPE SIZE	WIRE SIZE	MATERIAL
A-24-6	6"	5/8"-1 3/4"	10-18 AWG	Copper
A-24-9	9"	-	10-18 AWG	Copper
A-24-12	12"	-	10-18 AWG	Copper
A-24-6G	6"	-	10-18 AWG	Galvanized Steel
A-24-9G	9"	-	10-18 AWG	Galvanized Steel
A-24-12G	12"	-	10-18 AWG	Galvanized Steel

GROUNDING ROD

Universal 4' ground rod clamp included.



MODEL A-21-4