

# BURNDY

## Grounding

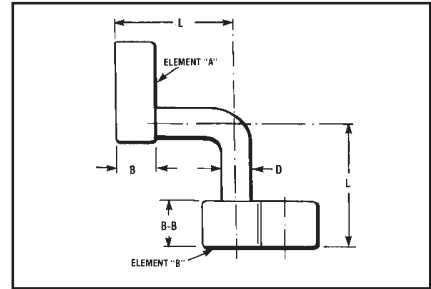
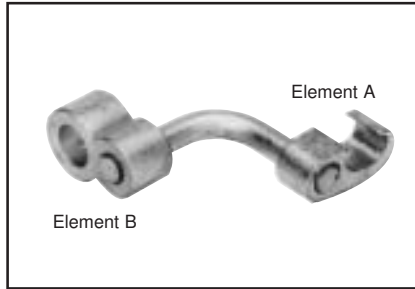


### TYPE YGLR-C

#### GRIDLOK

High Strength  
Irreversible  
Compression Ground Rod to  
Grid Connector

Ground grid connector for a wide range of copper cable to ground rod. Provides high torque strength on ground rod. UL467 Listed. Acceptable for direct burial in earth and concrete. Prefilled with PENETROX™ compound and strip sealed.



MEETS ALL  
**IEEE**  
837 REQUIREMENTS



D-6

CATALOG NUMBER	COMMERCIAL COPPER CABLE RANGE ELEMENT "A"	METRIC COPPER CABLE RANGE ELEMENT "A"	COPPER WELD CABLE RANGE ELEMENT "A"	GROUND ROD DIA. ELEMENT "B"	B	B-B	D	L	INSTALLATION TOOLS, DIE SET CAT. NO., (NUMBER OF CRIMPS)							
									Y35/Y39 HYPRESS™		Y750 HYPRESS™		Y45 HYPRESS™		Y46 HYPRESS™	
									ELEMENT "A"	ELEMENT "B"	ELEMENT "A"	ELEMENT "B"	ELEMENT "A"	ELEMENT "B"	ELEMENT "A"	ELEMENT "B"
YGLR29C12	#2 Str. (.292 Dia.) thru 250 kcmil (.575 Dia.)	35mm² (7.62mm Dia.) thru 120 mm² (14.40mm Dia.)	91.65 kcmil (.343 Dia.) thru 248.8 kcmil (.572 Dia.)	1/2" [12.7]					U997 (1)	PU998 (1)	U997 (1)		U997 (1)		U997 (1)	
	250 kcmil (.575 Dia.) thru 500 kcmil (.813 Dia.)	120 mm² (14.40mm Dia.) thru 240 mm² (20.35mm Dia.)	248.8 kcmil (.572 Dia.) thru 498.8 kcmil (.810 Dia.)						—	U1011 or PU998 (1)	S998 or PU998 (1)		P998 or PU998 (1)			
YGLR34C12	#2 Str. (.292 Dia.) thru 250 kcmil (.575 Dia.)	35 mm² (7.62mm Dia.) thru 120 mm² (14.40mm Dia.)	91.65 kcmil (.343 Dia.) thru 248.8 kcmil (.572 Dia.)	5/8" [15.9]			.313 [7.9]	2.53 [64.3]	U997 (1)	PU998 (1)	U997 (1)		U997 (1)		U997 (1)	
	250 kcmil (.575 Dia.) thru 500 kcmil (.813 Dia.)	120 mm² (14.40mm Dia.) thru 240 mm² (20.35mm Dia.)	248.8 kcmil (.572 Dia.) thru 498.8 kcmil (.810 Dia.)						—	U1011 or PU998 (1)	S998 or PU998 (1)		P998 or PU998 (1)			
YGLR29C58	#2 Str. (.292 Dia.) thru 250 kcmil (.575 Dia.)	35 mm² (7.62mm Dia.) thru 120 mm² (14.40mm Dia.)	91.65 kcmil (.343 Dia.) thru 248.8 kcmil (.572 Dia.)	5/8" [15.9]			.75 [19.1]	.88 [22.4]	U997 (1)	PU998 (1)	U997 (1)		U997 (1)		U997 (1)	
	250 kcmil (.575 Dia.) thru 500 kcmil (.813 Dia.)	120 mm² (14.40mm Dia.) thru 240 mm² (20.35mm Dia.)	248.8 kcmil (.572 Dia.) thru 498.8 kcmil (.810 Dia.)						—	U1011 or PU998 (1)	S998 or PU998 (1)		P998 or PU998 (1)			
YGLR34C58	#2 Str. (.292 Dia.) thru 250 kcmil (.575 Dia.)	35 mm² (7.62mm Dia.) thru 120 mm² (14.40mm Dia.)	91.65 kcmil (.343 Dia.) thru 248.8 kcmil (.572 Dia.)	3/4" [19.1]			.500 [12.7]	2.63 [66.8]	U997 (1)	PU998 (1)	U997 (1)		U997 (1)		U997 (1)	
	250 kcmil (.575 Dia.) thru 500 kcmil (.813 Dia.)	120 mm² (14.40mm Dia.) thru 240 mm² (20.35mm Dia.)	248.8 kcmil (.572 Dia.) thru 498.8 kcmil (.810 Dia.)						—	U1011 (2) or PU998	U1011 (2) or PU998		U1011 (2) or PU998			
YGLR29C34	#2 Str. (.292 Dia.) thru 250 kcmil (.575 Dia.)	35 mm² (7.62mm Dia.) thru 120 mm² (14.40mm Dia.)	91.65 kcmil (.343 Dia.) thru 248.8 kcmil (.572 Dia.)	1" [25.4]					U997 (1)	PU998 (1)	U997 (1)		U997 (1)		U997 (1)	
	250 kcmil (.575 Dia.) thru 500 kcmil (.813 Dia.)	120 mm² (14.40mm Dia.) thru 240 mm² (20.35mm Dia.)	248.8 kcmil (.572 Dia.) thru 498.8 kcmil (.810 Dia.)						—	U1011 (2) or PU998	U1011 (2) or PU998		U1011 (2) or PU998			
YGLR34C34	#2 Str. (.292 Dia.) thru 250 kcmil (.575 Dia.)	35 mm² (7.62mm Dia.) thru 120 mm² (14.40mm Dia.)	91.65 kcmil (.343 Dia.) thru 248.8 kcmil (.572 Dia.)	1" [25.4]					U997 (1)	PU998 (1)	U997 (1)		U997 (1)		U997 (1)	
	250 kcmil (.575 Dia.) thru 500 kcmil (.813 Dia.)	120 mm² (14.40mm Dia.) thru 240 mm² (20.35mm Dia.)	248.8 kcmil (.572 Dia.) thru 498.8 kcmil (.810 Dia.)						—	U1011 (2) or PU998	U1011 (2) or PU998		U1011 (2) or PU998			

#### NOTES:

- Before crimping, both connector elements can be turned on rod diameter 'D' to any desired position.
- Grooves are filled with PENETROX®.
- Suitable for direct burial in earth or concrete.
- The catalog numbers shown are for unplated copper connectors for use on copper clad or stainless steel ground rod. To order electro-tin plated connectors for use on galvanized steel ground rod add suffix "TN" to the catalog number, only if the Figure 8 connector (Element "B") is tin plated, the Figure 6 connector (Element "A") is unplated. Note: The ground rod hole diameter is larger for galvanized steel ground rod in the tin plated connector.

- Ground rod must be pre-crimped with die U2CABT (Index No. 348) when crimping the ground rod element (Element "B") with the PU998 dies in the Y750, Y35, Y39, Y45, or Y46 tools. Pre-crimping is not required when the S1012, P1011 or U1011 dies are used. See precrimp die chart.
- Where a 'U' or 'PU' die is recommended with the Y45 HYPRESS™, a PT6515 adapter must be used.
- Where a 'U' or 'PU' die is recommended with the Y46 HYPRESS™, a PUADP-1 adapter must be used.
- Dimensions in bracket [ ] are in millimeters.
- Die "1011" appears on Element "B" of the connector only.

GROUND ROD DIA.	PRECRIMP DIES	
	1/2"	UPRECRIMP 12
5/8"	UPRECRIMP 58	
3/4"	UPRECRIMP 34	

When attaching connector to ground rod, ground rod must be embossed with appropriate PRECRIMP™ die. For connections that must meet IEEE 837 requirements UPRECRIMP™ - type PRE crimp dies must be used for maximum clamping retention.