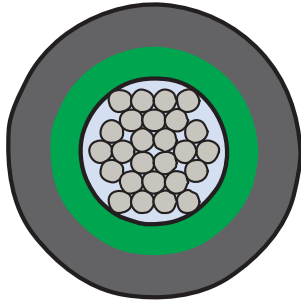


961-109-1500 Dual-wall interconnect cable  
 Duraelectric Light insulation, Duraelectric Light outer jacket, 1500 VAC



961-109-1500 dual-wall with Duraelectric Light insulation and outer jacket

POWERLOAD COMPATIBILITY	
PowerLoad Contact / Cavity Gauge (AWG)	DUAL-WALL INTERCONNECT CABLE
	Duraelectric Light Insulation
	Duraelectric Light Jacket
	1500 VAC
	200°
8	✓
4	✓
2	✓
0	✓
00	✓
0000	✓
✓ = fully compatible	

**TURBOFLEX FEATURES**

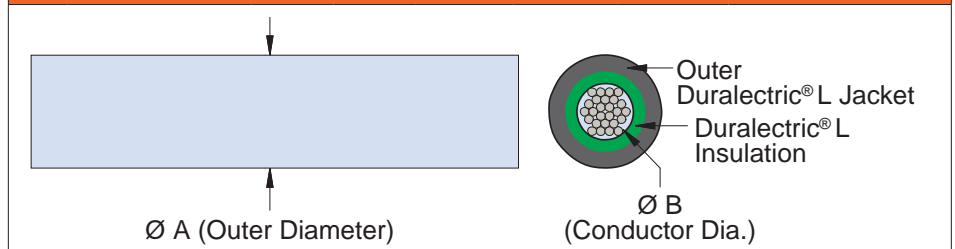
- Ultra-flexible rope lay power cable construction
- Wire gauges and insulation optimized for PowerLoad™ connectors
- Equipped with Duraelectric Light insulation and outer jacket

**NOTES**

- Bend radius is 4X – 12X the outer diameter (ØA) depending on application requirements
- Cable marked with "GLENAIR TURBOFLEX", wire gauge, part number, CAGE 06324.

HOW TO ORDER						
Sample Part Number	961	-109	-1500	-00	-N	-0
Basic No.	TurboFlex dual-wall interconnect cable					
Insulation / Jacket Material	-109 = Duraelectric Light insulation, Duraelectric Light outer jacket					
Voltage Rating	-1500 = 1500 VAC					
Wire Size Code (See Table I)	-8, -4, -2, -0, -00, -0000					
Conductor Material	-N = Nickel/Copper (-60° – 260°C) -S = Silver/Copper (-60° – 200°C) -T = Tin/Copper (-60° – 150°C)					
Outer Jacket Color	See Insulation Color table. Insulation shall be Green for all outer jacket colors except Green. For Green outer jacket, insulation shall be White.					

**TURBOFLEX WIRE SIZE, DIMENSIONS, DC RESISTANCE AND AMPACITY RATINGS**



Wire Size Code	AWG	Strand / Count / AWG	Cir Mil (nom)	Weight lbs/1000 ft. (nom.)	Ø A ±.025	Ø B Ref.	DC Resistance @ 20°C (Ohms / 1000 ft.)		
							Nickel Copper	Silver Copper	Tin Copper
8	8	7 X 95/36	16625	67.82	.270 (6.86)	.159 (4.04)	.7188	.6755	.7252
4	4	7 X 7 X 34/36	41650	160.27	.384 (9.75)	.271 (6.88)	.2979	.2800	.3006
2	2	7 X 7 X 54/36	66150	246.33	.457 (11.61)	.342 (8.69)	.1876	.1763	.1893
0	1/0	7 X 7 X 86/36	105350	382.92	.551 (14.00)	.431 (10.95)	.1178	.1107	.1188
00	2/0	7 X 7 X 108/36	132300	474.31	.601 (15.27)	.483 (12.27)	.0938	.0882	.0946
0000	4/0	19 X 7 X 64/36	212800	756.82	.737 (18.72)	.613 (15.57)	.0588	.0553	.0594



**DURAELECTRIC LIGHT PERFORMANCE SUMMARY**

- Service temperature range: -65°C to +200°C
- Fire-resistant and Low Smoke-Zero Halogen (LSZH)
- Excellent abrasion resistance
- 30% lighter than Duraelectric D
- 50% lighter than Teflon®

**INSULATION COLOR PER MIL-STD-681**

0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Violet
8	Gray
9	White

TURBOFLEX CABLE