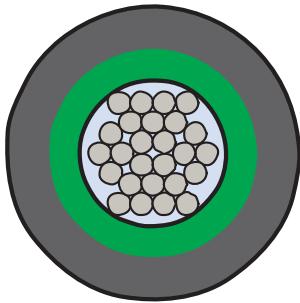


# 961-109-2000 Dual-wall interconnect cable Duraelectric Light insulation, Duraelectric Light outer jacket, 2000 VAC

TURBOFLEX CABLE



**961-109-2000 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
	2000 VAC
	200°
8	+
4	+
2	✓
0	✓
00	✓
0000	+
✓ = fully compatible + = compatible, but requires special termination process	

### TURBOFLEX FEATURES

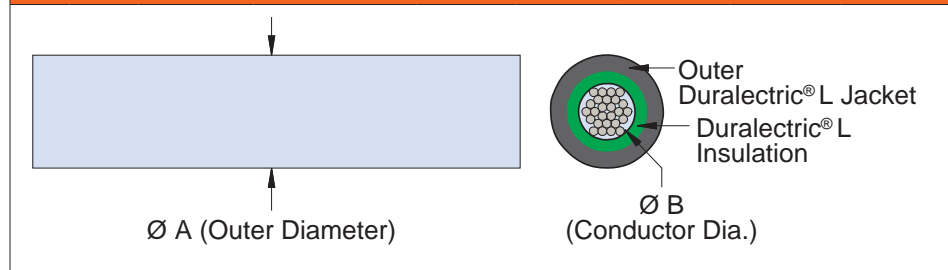
- Ultra-flexible rope lay power cable construction
- Wire gauges and insulation optimized for PowerLoad™ connectors
- Equipped with Duraelectric Light insulation and outer jacket

### NOTES

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

HOW TO ORDER						
<b>Sample Part Number</b>	<b>961</b>	<b>-109</b>	<b>-2000</b>	<b>-00</b>	<b>-N</b>	<b>-0</b>
<b>Basic No.</b>	TurboFlex dual-wall interconnect cable					
<b>Insulation / Jacket Material</b>	-109 = Duraelectric Light insulation, Duraelectric Light outer jacket					
<b>Voltage Rating</b>	-2000 = 2000 VAC					
<b>Wire Size Code (See Table I)</b>	-8, -4, -2, -0, -00, -0000					
<b>Conductor Material</b>	-N = Nickel/Copper (-60° – 260°C)    -S = Silver/Copper (-60° – 200°C) -T = Tin/Copper (-60° – 150°C)					
<b>Outer Jacket Color</b>	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	71.00	.287 (7.29)	.159 (4.04)	.7188	.6755	.7252
4	4	7 X 7 X 34/36	41650	164.76	.401 (10.19)	.271 (6.88)	.2979	.2800	.3006
2	2	7 X 7 X 54/36	66150	250.74	.472 (11.99)	.342 (8.69)	.1876	.1763	.1893
0	1/0	7 X 7 X 86/36	105350	388.21	.566 (14.38)	.431 (10.95)	.1178	.1107	.1188
00	2/0	7 X 7 X 108/36	132300	481.89	.620 (15.75)	.483 (12.27)	.0938	.0882	.0946
0000	4/0	19 X 7 X 64/36	212800	764.61	.753 (19.13)	.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