

**TurboFlex® R Copper Core, Duraelectric™ D Insulation, 2000 VAC  
961-106-2000 Imperial**

GENERAL-DUTY • COPPER CORE

**TURBOFLEX FEATURES**

- Ultra-flexible rope lay power cable construction
- Wire gauges and insulation optimized for PowerPlay™ connectors
- Equipped with ruggedized Duraelectric insulation

**DURAELECTRIC D PERFORMANCE SUMMARY**

- Service temperature range: -65°C to +200°C
- Fire-resistant and Low Smoke-Zero Halogen (LSZH)
- Resistant to common aerospace, military and industrial fluids
- UV resistant

HOW TO ORDER						
<b>Sample Part Number</b>	<b>961</b>	<b>-106</b>	<b>-2000</b>	<b>-00</b>	<b>-N</b>	<b>-0</b>
<b>Basic No.</b>	TurboFlex single-wall hookup wire					
<b>Insulation Material</b>	-106 = Duraelectric					
<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° – 200°C) -S = Silver/Copper (-60° – 200°C) -T = Tin/Copper (-60° – 150°C)					
<b>Insulation Color</b>	See Insulation Color table					

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	74.91	.270 (6.86)	.159 (4.04)	.7188	.6755	.7252
4	4	7 X 7 X 34/36	41650	171.48	.384 (9.75)	.271 (6.88)	.2979	.2800	.3006
2	2	7 X 7 X 54/36	66150	259.67	.456 (11.58)	.342 (8.69)	.1876	.1763	.1893
0	1/0	7 X 7 X 86/36	105350	399.00	.548 (13.92)	.431 (10.95)	.1178	.1107	.1188
00	2/0	7 X 7 X 108/36	132300	493.47	.601 (15.27)	.483 (12.27)	.0938	.0882	.0946
0000	4/0	19 X 7 X 64/36	212800	779.79	.734 (18.64)	.613 (15.57)	.0588	.0553	.0594

TABLE II: DURAELECTRIC D INSULATION COLOR	
Weatherproof, halogen free, flame resistant	
0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Kelly Green
6	Blue
7	Violet
8	Gray
9	White
Consult factory for other specific colors	

**NOTES**

1. Bend radius is 3X the outer diameter
2. Cable will be marked with "GLENAIR TURBOFLEX", wire gauge, part number, CAGE 06324.
3. Insulation thickness tolerance is ±10%