

TurboFlex® R Copper Core, Duralectric™ D Insulation and Jacket, 2000 VAC • 961-107-2000 Imperial

TURBOFLEX FEATURES

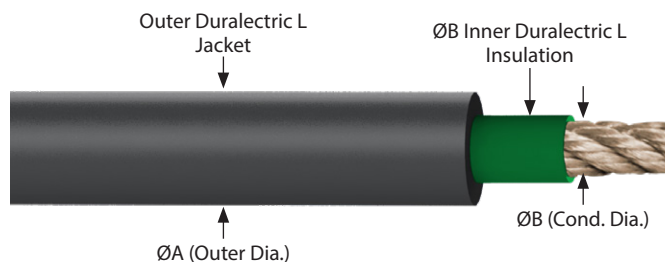
- Ultra-flexible rope lay power cable construction
- Wire gauges and insulation optimized for PowerPlay™ connectors
- Equipped with ruggedized Duralectric insulation

DURALECTRIC 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						
Sample Part Number	961	-107	-2000	-00	-N	-0
Basic No.	TurboFlex dual-wall interconnect cable					
Insulation / Jacket Material	-107 = Duralectric insulation, Duralectric outer jacket					
Voltage Rating	-2000 = 2000 VAC					
Wire Size Code (See Table I)	-8, -4, -2, -0, -00, -0000					
Conductor Material	-N = Nickel/Copper (-60° – 200°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	80.38	.290 (7.34)	.159 (4.04)	.7188	.6755	.7252
4	4	7 X 7 X 34/36	41650	179.77	.406 (10.31)	.271 (6.88)	.2979	.2800	.3006
2	2	7 X 7 X 54/36	66150	269.46	.478 (12.14)	.342 (8.69)	.1876	.1763	.1893
0	1/0	7 X 7 X 86/36	105350	411.81	.572 (14.53)	.431 (10.95)	.1178	.1107	.1188
00	2/0	7 X 7 X 108/36	132300	507.50	.625 (15.88)	.483 (12.27)	.0938	.0882	.0946
0000	4/0	19 X 7 X 64/36	212800	796.86	.758 (19.25)	.613 (15.57)	.0588	.0553	.0594

JACKET/INSULATION COLOR		
Code	Jacket Color	Insulation Color
0	Black	Green
1	Brown	Green
2	Red	Green
3	Orange	Green
4	Yellow	Green
5	Green	White
6	Blue	Green
7	Violet	Green
8	Gray	Green
9	White	Green

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%