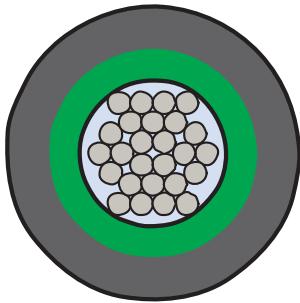


961-107-2000 Dual-wall interconnect cable Duraelectric insulation, Duraelectric outer jacket, 2000 VAC

TURBOFLEX CABLE



961-107-2000 dual-wall with Duraelectric insulation, Duraelectric outer jacket

| POWERLOAD COMPATIBILITY | |
|--|------------------------------|
| PowerLoad Contact / Cavity Gauge (AWG) | DUAL-WALL INTERCONNECT CABLE |
| | |
| | Duraelectric Insulation |
| | Duraelectric Jacket |
| | 2000 VAC |
| | 260° |
| 8 | + |
| 4 | + |
| 2 | + |
| 0 | + |
| 00 | ✓ |
| 0000 | + |
| ✓ = fully compatible + = compatible, but requires special termination process | |

| HOW TO ORDER | | | | | | |
|-------------------------------------|--|-------------|--------------|------------|-----------|-----------|
| Sample Part Number | 961 | -107 | -2000 | -00 | -N | -0 |
| Basic No. | TurboFlex dual-wall interconnect cable | | | | | |
| Insulation / Jacket Material | -107 = Duraelectric insulation, Duraelectric 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° – 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 | 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 |

TURBOFLEX FEATURES

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



DURALECTRIC D PERFORMANCE SUMMARY

- Service temperature range: -65°C to +260°C
- Fire-resistant and Low Smoke-Zero Halogen (LSZH)
- Resistant to common aerospace, military and industrial fluids
- UV resistant

| JACKET/INSULATION COLOR PER MIL-STD-681 | | |
|---|--------------|------------------|
| 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

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