Glenair SIGNATURE SERIES

turboflex®

THE ULTRA FLEXIBLE RUGGED POWER CABLE

Ultra flexible and rugged power distribution cables with FEP and Duralectric™ jacketing

Power distribution cables present a unique challenge to electrical wire interconnect system engineers. Typically fabricated from stiff, non-flexible conductors with extremely large bend radii, such cables are heavy, hard to route, and prone to jacket damage from weathering and abrasion. TurboFlex® power distribution cables are constructed from high strand-count rope-lay inner conductors made with tin-, nickel-, and silver-plated copper. These highly-flexible conductors, insulated with FEP or Glenair signature Duralectric jacketing result in cables ideally suited for applications where flexibility, durability, and weight reduction are required.

Amazingly durable—especially in cold weather—TurboFlex cable with Duralectric insulation provides outstanding resistance to temperature extremes, ozone exposure, caustic chemicals including jet fuel, gamma radiation, and other forms of environmental and mechanical damage. Long life and performance are critical in power distribution applications. TurboFlex, with its flexible conductors and durable insulation delivers both. Consult factory for lightweight aluminum version.

- **Ultra-flexible rope lay power cable construction**
- **Wire gauges and insulation optimized for PowerLoad™ connectors**
- **Four TurboFlex configurations with ruggedized FEP or Duralectric jacketing:**
  - **Standard single-wall**
  - **Lightweight thin-wall**
  - **"Tell-Tale" dual-wall**
  - **Shielded high-voltage**

TurboFlex bend radius (Duralectric jacketing) is 3X the outer diameter

Power cable assembly with Duralectric™ D jacketing / overmolding in OSHA safety orange

Wide range of available sizes—from 8AWG to 4/0