



TurboFlex is an ultra-flexible and rugged power cable solution – ideal for high-voltage electrical distribution and propulsion applications such as battery plant-to-inverter-to-electric motor cables for eVTOL aircraft. Constructed from rope-lay configuration copper or aluminum wire and jacketed with signature Duralelectric insulation, TurboFlex cables are optimized for use in an ecosystem of Glenair signature contact and connector technologies. Turnkey connectorized or lugged cable assemblies – fully tested and ready for immediate use – provide reliable high-temperature tolerant performance up to 4500 VAC.



► Duralelectric™ is the high-performance TurboFlex® jacketing material. Different compounding formulas are optimized for weight savings, radiation resistance, ultra low temperatures, conductivity, and immersion in chemical or caustic fuels. Available in a broad range of colors including safety orange.

STANDARD TURBOFLEX R VS. TURBOFLEX M



TurboFlex M
M22759 wire construction



TurboFlex rope-lay
wire construction

TurboFlex cables are jacketed with Duralelectric insulation, which contributes significantly to the flexibility of the product. Available wire cores include rope-lay (standard) for maximum flexibility, and M22759 wire (TurboFlex M) with the flight-heritage of a mil-spec core and a slightly larger bend radius, but far superior flexibility compared to standard M22759 wire.

Standard M22759
mil-spec wire

TURBOFLEX M:
MIL-SPEC CORE,
DURALECTRIC
JACKET

Ultra-flexible
TurboFlex
rope-lay wire

VISIT CATALOG