

Highly flexible 400 Hz Ground Power Cable

BETAjet 400 FRNC-smartflex-V2

Triple protection against rupture and loss of neutral conductor

- Fiberglass backing braid in the dual layer outer sheath prevents torsion impact
- Additionally scaled up blind element in the cable core
- Single cores twisted around the central blind element form the neutral conductor

BETAjet® 400-Hz cables are halogen-free, oil resistant power cables with improved behavior in the event of fire due to increased resistance to high temperatures, most of them flame retardant. The patented Smartflex-V2 offers significantly improved service reliability for the external power supply for aircraft on the ground.

Advantages

- Improved longitudinal flexibility of the neutral conductor minimises the risk of rupture
- Six-fold redundancy of the neutral conductor
- Optimal construction of the outer sheath with integrated backing braid and outstanding durability
- Cross-linked cores with increased short-term resistance to temperatures of up to 160 °C
- Slightly enlarged neutral conductor cross-section of 36 mm² (the Smartflex-VFN version provides 6 additional concentric 6 mm² neutral conductors instead of control wires and offers 72 mm² of solid neutral conductor cross-section and thus improves the cable's EMC)
- A consistently good cable construction assures a problem-free fit in most cable retrievers
- Special SRC strands for the neutral conductor enable a minimal diameter and the same outer diameter as for a single-core conductor.

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