



400Hz Airport Cables 7-core With Shielded Control Wires

» Applications

These cables are designed for 400 Hz systems for power supply of aircraft, computer systems and radar stations, suitable for laying in earth, in water, outdoors, indoors and in cable ducts.

» Standards

VDE 0295

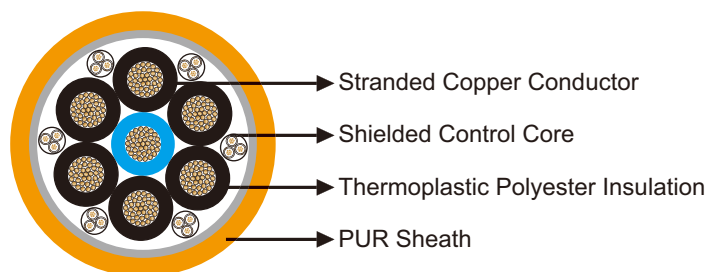
» Construction

Conductor: Stranded copper conductor, Class 6 to VDE 0295/IEC 60228.

Insulation: Thermoplastic polyester.

Control Core: 1mm² stranded copper conductor with polyolefin insulation & tinned copper braid.

Outer Sheath: PUR. TPE can be offered upon request.



» Technical Data

| | |
|--------------------------------------|-----------------------------|
| Rated Voltage U ₀ /U (Um) | 600/1000V |
| Operating Temperatures | -40°C~+90°C |
| Minimum Bending Radius | static: 4×OD; dynamic: 6×OD |
| Halogen Free | Yes |
| No Corrosive & Toxic Gases | Yes |
| Flame Retardant | Yes |
| Abrasion Resistant | Yes |
| UV Resistant | Yes |
| Oil Resistant | Yes |

» Dimensions and Weight

| Construction | Nominal Diameter of Power Core | Nominal Diameter of Control Core | Nominal Overall Diameter | Nominal Weight |
|----------------------|--------------------------------|----------------------------------|--------------------------|----------------|
| No. ×mm ² | mm | mm | mm | kg/km |
| 7×25+6×(3×1)C | 9.6 | 2.1 | 37.5 | 2800 |
| 7×35+6×(3×1)C | 11.1 | 2.1 | 40.3 | 3500 |
| 7×35+6×(4×1)C | 11.1 | 2.1 | 44.5 | 4200 |