



400Hz Cables

400Hz Airport Cables 7-core With Control Wires & Reinforcement

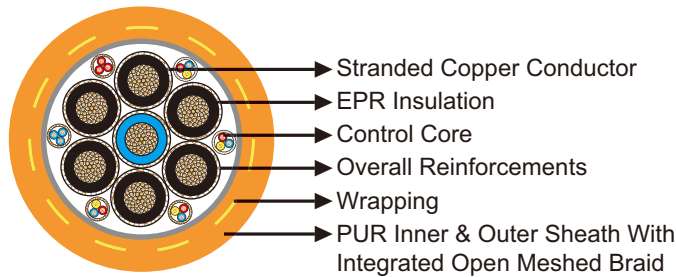
» Applications

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 bare copper conductor, Class 5/Class 6 to VDE 0295/IEC 60228.

Insulation: EPR. HEPR/TPE /XLEPR can be offered upon request.

Control Core: 1mm² stranded copper conductor with ethylene tetrafluorethylene insulation.

Thermoplastic/TPE/polyolefin can be offered upon request.

Cable Assembling: 6 power cores laid-up over a centre core, control cores laid-up in triads/quads located in outer interstices. Each core has an overall reinforcement.

Wrapping: Common core covering of wrapping and/or extruded filling compound.

Outer Sheath: Bonded inner and outer sheath of polyurethane with integrated open meshed braid.

» Technical Data

Rated Voltage U ₀ /U (Um)	600/1000V
Operating Temperatures	-20°C~+70°C
Minimum Bending Radius	static: 4×OD; dynamic: 6×OD
Flame Retardant	Yes
Abrasion Resistant	Yes



Caledonian Airport Cables

400Hz Cables

Weather Resistant	Yes
UV Resistant	Yes
Oil Resistant	Yes

» Dimensions and Weight

Construction No. ×mm ²	Nominal Diameter of Power Core mm	Nominal Diameter of Control Core mm	Nominal Overall Diameter mm	Nominal Weight kg/km
7×25+6×(3×1)	9.6	1.8	38.3	2600
7×35+6×(3×1)	10.5	2.1	42.0	3100
7×25+6×(4×1)	9.6	1.8	42.0	2850
7×35+6×(4×1)	10.9	1.9	44.0	3050
7×50+6×(4×1)	11.8	2.1	51.0	4030

