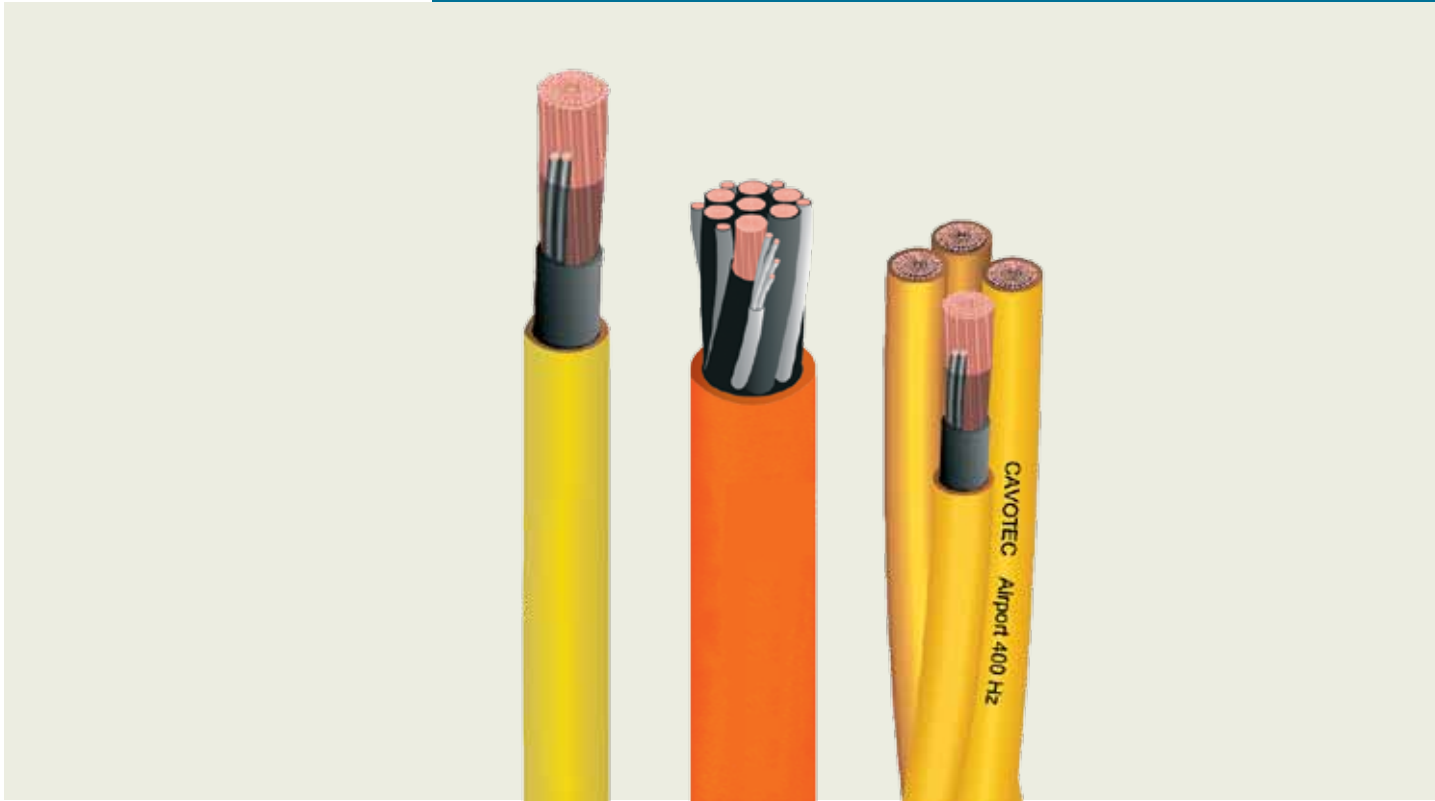


DAS-CF-10/1-EU



400Hz / 28V DC Aircraft Cables

INTRODUCTION

Cavotec is a leading company in 400Hz cable and offer unique 400Hz Ground Cable systems which are in use worldwide. The Cavotec 400Hz/28V DC cables are available in a broad variety and specially designed for the demanding airport environment.

ADVANTAGES

- Double insulated
- High flexibility at all operating temperatures
- Low adhesion
- Abrasion resistant
- Halogen-free
- Resistant to UV radiation, oil, hydrolysis and microbial attack

MAIN COMPONENTS

- Halogen-free polyurethane
- Copper
- Power core, neutral core, control core and jacket

MODELS

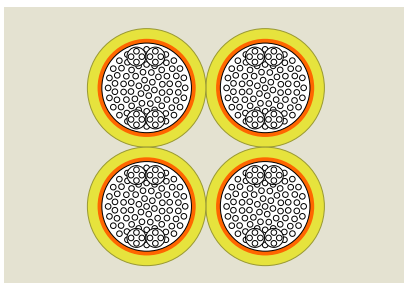
- Cables with 4 control wires
- Stranded sets of 4 Cables with control wires
- Cables with 6 Cores twisted around neutral central core
- Cables with 3 Cores

OPTIONS

- Flexible or fixed installation
- Flame retardant



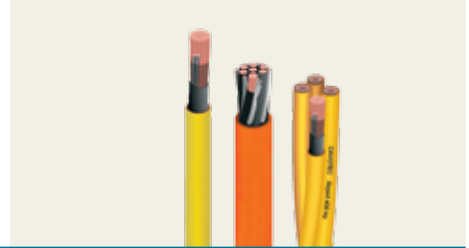
Single cable



Twisted cable



Power cable



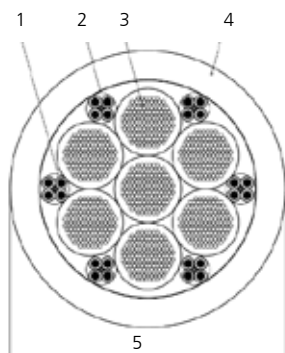
TECHNICAL CHARACTERISTICS & CONFIGURATION EXAMPLES

Nominal voltage: U_n 115/200V/400Hz
 Voltage voltage: U_0/U 0.6/1kV max.
 Testing voltage: 4000VAC
 Temperature range: -40°C to + 90°C

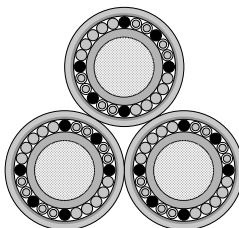
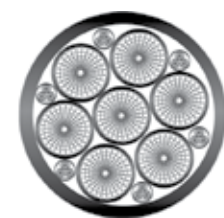
Single / 4-Twisted / Power and 3-Twisted	Cable Type	Part no.	DC conductor resistant	Inductance	Current rating at 30°C*	Outer diameter	Copper weight	Weight approx.	Bending radius
			Ω/km	mH/km	A	mm	kg/km	kg/km	mm
Single	1x35+4x1	F76-20-3-00-0350	0.56	0.27	169	14.0	375	490	84
Single	1x50+4x1	F76-20-3-00-0500	0.39	0.27	207	17.8	519	626	107
Single	1x70+4x1	F76-20-3-00-0700	0.27	0.27	270	20.5	711	855	123
Single	1x70+6x1	F76-20-3-00-0706	0.27	0.27	270	21.1	730	874	127
Single	1x120+4x1	F76-20-3-00-1200	0.16	0.27	383	25.0	1191	1379	150
4-Twisted	4x1x35+4x1	F76-20-3-10-0350	0.56	0.27	169	38.0	1500	2070	228
4-Twisted	4x1x50+4x1	F76-20-3-10-0500	0.39	0.27	207	41.0	2074	2580	246
4-Twisted	4x1x70+4x1	F76-20-3-10-0700	0.27	0.27	270	49.5	2844	3523	297
4-Twisted	4x1x70+6x1	F76-20-3-10-0706	0.27	0.27	270	51.8	2920	3599	311
Power	7x35+6x4x1	F76-20-3-28-7350	0.27	0.12	270	42.5	2625	3443	298
3-Twisted	3x(1x50/20+8x1)	F76-20-5-04-0500	0.45	0.32	220	44.1	2340	2790	176
3-Twisted	3x(1x70/25+8x1)	F76-20-5-01-0700	0.32	0.30	280	47.8	3126	3560	191

*90°C conductor temperature, 30°C ambient temperature.

TECHNICAL DIMENSIONS



- 1 Core 4x1.0mm²
- 2 Jacket
- 3 Core 35.0mm²
- 4 Jacket
- 5 $\varnothing 42.5 \pm 0.5$



Power 7x35+6x4x1

RoHS



3-Twisted 3x(1x50/20+8x1)
3-Twisted 3x(1x70/25+8x1)