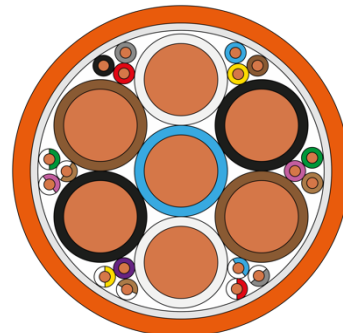


Aircraft 400 Hz Cable for fixed installation

Type:

RKK 7x50 + 18x1



50 mm ² , flexible, Conductor acc. to IEC 60228,5			
Properties	Nominal value	Tolerance	Unit
Wires in conductor, bare	378	-	Pcs.
Wire diameter	0,40	± 0,02	mm
Resistance at 20°C	0,38	+0,004	Ω/km
Copper weight	446	-	Kg/km
1 mm ² , flexible, Conductor acc. to IEC 60228,5			
Properties	Nominal value	Tolerance	Unit
Wires in conductor, bare	32	-	Pcs.
Wire diameter	0,19	± 0,02	mm
Resistance at 20°C	19,0	+0,5	Ω/km
Lay length	45	-	mm
Copper weight	8,3	-	Kg/km

Insulation of 7 x 50mm ² acc. to HD 603			
Properties	Nominal value	Tolerance	Unit
Material	PVC 70°C	-	-
Temperature rang, fixed	-25 to +70		°C
Wall thickness	1,2	+0,2	mm
Outer diameter	10,6	+0,4	mm
Color	Light blue, 2x Brown, 2x Black, 2x White		
Insulation of 1mm ² acc. To ISO 6722			
Properties	Nominal value	Tolerance	Unit
Material	PVC 100°C	-	-
Temperature rang, fixed	-40 to +100		°C
Wall thickness	0,6	+0,1	mm
Outer diameter	2,5	+0,2	mm
Color	Black, Grey, Red, Blue, Brown, Yellow, Green, Orange, Pink, White/Black, White/Grey, White/Red, White/Blue, White/Brown, White/Yellow, White/Green, White/Orange, White/Pink		

Type:

RKK 7x50 + 18x1

Laying up of cores and tape			
Properties	Nominal value	Tolerance	Unit
Lay Length	280	-50	mm
Centre core	1 x 35, Blue		
Lapping helical tape	30		mm

Outer sheath acc. to HD 603			
Properties	Nominal value	Tolerance	Unit
Material	PVC	-	-
Temperature range, fixed	-45 to +70		°C
Wall thickness	3,2	+ 0,5	mm
Outer diameter	43	+ 1,0	mm
Color	Orange		

Specific properties			
Properties	Nominal value	Unit	Standard
Voltage range	600/1000	V	
Routine voltage test, 5 min.	2.000	V	IEC 811
Type voltage test, 15 min. in water	4.000	V	IEC 811
Max. continuously current at ambient temp +30°C, per phase	288	A	VDE 0298
Permissible minimum bending radius	350	mm	DIN 0298-3
Flame Properties	Pass	VW-1	UL1581
Flame Properties	Pass	Vertical	IEC 332-1
Flame Properties.	Pass	Part 804 B	VDE 0472
Resistance 2 core at +20°C	0,181±0,01	Ω/Km	
Resistance 2 core at +70°C	0,218±0,01	Ω/Km	
Mutual capacitance	120	nF/km	
Inductance.	0,094	mH/km	
Impedance	0,238	Ω/Km	
Voltage drop, φ=0,8, 90kW, 25meter, U ₀	2,3	V	
Weight total	4,3	Kg/m	
Marking, ink printed	amokabel RKK 7X50 + 18x1		