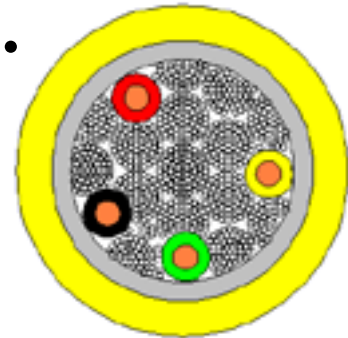


# Aircraft 400 Hz Ground Power Supply Cable, with control wires. Tinned and halogen free.

Type: SII 70+4X1  
 Article: 5025



<b>70 mm<sup>2</sup>, tinned, extra flexible, Conductor acc. to IEC 228,6</b>			
Properties	Nominal value	Tolerance	Unit
Wires in conductor,tinned	2205	-	Pcs.
Wire diameter	0,20	± 0,02	mm
Resistance	0,264	+0,009	Ω/Km
Lay length	Uni lay	170	mm
Copper weight	620	-	Kg/km
<b>1 mm<sup>2</sup>, tinned, flexible, Conductor acc. to IEC 228,5</b>			
Properties	Nominal value	Tolerance	Unit
Wires in conductor,tinned	32	-	Pcs.
Wire diameter	0,19	± 0,02	mm
Resistance	19,6	+0,5	Ω/Km
Lay length	45	-	mm
Copper weight	8,3	-	Kg/km

<b>Insulation of 1mm<sup>2</sup> acc. to HD21.3, Halogen Free</b>			
Properties	Nominal value	Tolerance	Unit
Material	XLPE 90°C	-	-
Temperature range	-25 till +90		°C
Wall thickness	0,6	+ 0,1	mm
Outer diameter	2,5	+ 0,2	mm
Colour	Black, Red, Yellow, Green		

<b>Laying up of cores and 70 mm<sup>2</sup> conductor</b>			
<b>Properties</b>	<b>Nominal value</b>	<b>Tolerance</b>	<b>Unit</b>
Lay Length	170	±50	mm
Lapping of tape	30	±10	mm

<b>Inner sheet acc. to HD 603 S1, TPU, Halogen Free</b>			
<b>Properties</b>	<b>Nominal value</b>	<b>Tolerance</b>	<b>Unit</b>
Material	PUR	-	-
Temperature range	-55 till +80		°C
Wall thickness	0,7	+0,5	mm
Outer diameter	15,1	+ 1,0	mm
Colour	Natural		

<b>Outer sheet acc. to HD 603 S1, TPU, Halogen Free</b>			
<b>Properties</b>	<b>Nominal value</b>	<b>Tolerance</b>	<b>Unit</b>
Material	PUR	-	-
Temperature range	-55 till +80		°C
Wall thickness	1,8	±0,5	mm
Outer diameter	18,7	± 1,0	mm
Colour	Orange or Yellow		

<b>Specific properties</b>			
<b>Properties</b>	<b>Nominal value</b>	<b>Unit</b>	<b>Standard</b>
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	207	A	VDE 0298
Permissible minimum bending radius.	65	mm	DIN 0298-3
Flame Properties	Pass	Vertical	IEC 332-1
Halogen content	<400	ppm	IEC 754-1
Resistance at +20°C	0,249±0,01	Ω/Km	
Resistance at +70°C	0,299±0,01	Ω/Km	
Weight, total	0,8	Kg/m	
Marking, ink printed	amokabel SII 70+4X1 ft		