

Datasheet for SwelFlex Cable 0,1kV

Type: **RKKJ 4X2,5+2,5**

2,5 mm², flexible, Conductor acc. to IEC 60228,5			
Properties	Nominal value	Tolerance	Unit
Wires in conductor, bare	45	-	Pcs.
Wire diameter	0,25	± 0,02	mm
Resistance	7,95	+0,06	Ω/Km
Lay length	<75	-	mm
Copper weight	20,5	-	Kg/km

Insulation of 2,5mm² acc. to ISO 6722			
Properties	Nominal value	Tolerance	Unit
Material	TII	-	-
Temperature range	-40 till +70		°C
Wall thickness	0,5	+ 0,2	mm
Outer diameter	2,9	+ 0,4	mm
Colour	2*Red and 2*Blue		

Laying up of cores			
Properties	Nominal value	Tolerance	Unit
Lay Length	110	-50	mm
Helical lapping tape	20		mm
Dummy lead	1 of ø1,2mm		

Inner sheet			
Properties	Nominal value	Tolerance	Unit
Material	PVC	-	-
Wall thickness	0,5	+0,30	mm
Outer diameter	8,1	+ 0,60	mm
Colour	Natural		

Earth shielding			
Properties	Nominal value	Tolerance	Unit
Bare CU-wires	15	-	-
Wire diameter	0,52		mm
Binding	Helical tape		

UV-resistant outer sheet acc. to HD 603 S1			
Properties	Nominal value	Tolerance	Unit
Material	TII	-	-
Temperature range	-40 till +70		°C
Wall thickness	1,5	+0,25	mm
Outer diameter	11,1	+ 0,50	mm
Colour	Black		

Specific properties			
Properties	Nominal value	Unit	Standard
Voltage range	0,1	kV	
Test voltage, 5 min.	2.000	V	IEC 811
Drum size, flange	600	mm	
Length on each drum	500	m	
Weight on each drum	142	kg	

