

Datasheet for Power Cable 0,1kV

Type: **RKKJ 2X16+8**

16 mm², flexible, Conductor acc. to IEC 60228,5			
Properties	Nominal value	Tolerance	Unit
Wires in conductor, bare	118	-	Pcs.
Wire diameter	0,40	± 0,02	mm
Resistance	1,21	+0,06	Ω/Km
Lay length	<130	-	mm
Copper weight	145	-	Kg/km

Insulation of 16mm² acc. to HD 603 S1			
Properties	Nominal value	Tolerance	Unit
Material	TII	-	-
Temperature range	-40 till +70		°C
Wall thickness	0,8	+ 0,2	mm
Outer diameter	6,8	+ 0,4	mm
Colour	Black and White		

Laying up of cores			
Properties	Nominal value	Tolerance	Unit
Lay Length	200	-50	mm
Helical lapping tape	20		mm
Dummy lead	2 of ø5mm		

Inner sheet			
Properties	Nominal value	Tolerance	Unit
Material	PVC	-	-
Wall thickness	1,0	+0,30	mm
Outer diameter	16,0	+ 0,60	mm
Colour	Natural		

Earth shielding			
Properties	Nominal value	Tolerance	Unit
Bare CU-wires	16	-	-
Wire diameter	0,8		mm
Binding	Helical tape		

UV-resistant outer sheet acc. to HD 603 S1			
Properties	Nominal value	Tolerance	Unit
Material	TI1	-	-
Temperature range	-40 till +70		°C
Wall thickness	1,5	+0,25	mm
Outer diameter	19,8	+ 0,50	mm
Colour	Black		

Specific properties			
Properties	Nominal value	Unit	Standard
Voltage range	0,6/1	kV	
Test voltage, 5 min.	4.000	V	IEC 811
Drum size, flange	800	mm	
Length on each drum	350	m	
Weight on each drum	250	kg	