

Technical data

CODE:

2200, 2220, 2262

PRODUCT:

SIF - HV CABLE

NOTE:

TECHNICAL DATA

IMAGE:**LAST UPDATE:**

11/2021

SIF - HV CABLE

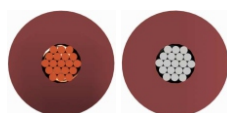


HIGH VOLTAGE SINGLE CORE FLEXIBLE CONDUCTOR SILICONE RUBBER INSULATED CABLE



1 - Silicone rubber
2 - Copper conductor

INSULATION COLOUR



Flexible bare or tinned copper conductor

APPLICATIONS



PACKAGING



TECHNICAL DATA	
Working temperature	- 60 ÷ + 180°C
Peaks at	210°C
Nominal voltage	2,8 ÷ 10 kV
Voltage test	15 ÷ 25 kV
References	
Conductor	CEI 20/29 Class 5 IEC EN 60228 Class 5
Halogen free	CEI EN 50363-5

Properties
Good resistance to high and low temperature.
Weather proof.

TYPE	NOMINAL SECTION	MAXIMUM OVER DIAM. OF THE CONDUCTOR WIRES	INSULATION THICKNESS	OUTER DIAMETER	NOMINAL VOLTAGE	TESTING VOLTAGE	MAX ELECTRIC RESISTANCE AT 20°C	
							BARE COPPER	TINNED COPPER
							Ω/Km	Ω/Km
SIF HV	mm ²	mm	mm	mm	kV	kV		
	0,25	0,21	1,18	3,00	3,50	15	78,00	80,20
	0,35	0,21	1,45	3,70	3,50	15	55,70	57,30
	0,35	0,21	2,10	5,00	7,50	20	55,70	57,30
	0,50	0,21	1,05	3,00	3,50	15	39,00	40,10
	0,50	0,21	2,50	6,00	7,50	20	39,00	40,10
	0,50	0,21	3,00	7,00	10,00	25	39,00	40,10
	0,60	0,21	1,50	4,00	3,50	15	32,50	33,40
	0,75	0,21	1,10	3,30	3,50	15	26,00	26,70
	0,75	0,21	2,45	6,00	7,50	20	26,00	26,70
	0,75	0,21	2,95	7,00	10,00	25	26,00	26,70
	1,00	0,21	1,60	4,50	2,80	15	19,50	20,00
	1,00	0,21	1,85	5,00	3,50	15	19,50	20,00
	1,00	0,21	2,35	6,00	7,50	20	19,50	20,00
1,00	0,21	2,85	7,00	10,00	25	19,50	20,00	
1,50	0,26	3,00	7,50	7,50	25	13,30	13,70	

Tolerances on diameters: +/-5%