

SIF-HV



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

TYPE	NOMINAL SECTION	MAXIMUM OVER.DIAM. OF THE CONDUCTOR WIRES	INSULATION THICKNESS	OUTER DIAMETER	NOMINAL VOLTAGE	TESTING VOLTAGE	RAME ROSSO / BARE COPPER	RAME STAGNATO / TINNED COPPER
	mm ²	mm	mm	mm	kV	kV	/Km	/Km
SIF HV	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

Tollerances on diameters: +/-5%

Properties

Good resistance to high and low temperature.
Weather proof.