

# Technical data

**CODE:** 2270, 2275, 2280, 2208, 2209

**PRODUCT:** IC - HV CABLE EN 50143

**NOTE:** TECHNICAL DATA

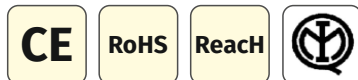
**IMAGE:**



**LAST UPDATE:**

11/2021

# IC - HV CABLE EN 50143



APPROVALS:  
IMQ CA 01.00406  
IMQ CA 01.00578

IMQ <HAR> APPROVED IGNITION SINGLE CORE FLEXIBLE CONDUCTOR

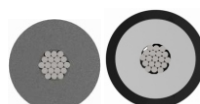


1-4 - Silicone rubber  
2 - Copper conductor  
3 - LSZH Z M1 sheath

### INSULATION COLOUR



### APPLICATIONS



Flexible tinned copper conductor

TECHNICAL DATA	
Nominal voltage	U <sub>0</sub> /U 5/10 kV
Test voltage	15 kV
Operating temperature	-60°C ÷ +180°C (B) -60°C ÷ +90°C (C2) -60°C ÷ +90°C (D2)
Approved	IMQ HAR
Standards	CEI EN 50143:2012 EN 50107 - EN 50363-1 EN 60332-1-2
Conductor	IEC EN 60228 Class 5
Halogen free	IEC 60754-1 IEC 60754-2

### PACKAGING



TYPE	NOMINAL SECTION	MAXIMUM OVER DIAM. OF THE CONDUCTOR WIRES	INSULATION THICKNESS	SHEATH THICKNESS	OVERALL DIAMETER	MAX ELECTRIC RESISTANCE AT 20°C
						TINNED COPPER
	mm <sup>2</sup>	mm	mm	mm	mm	Ω/Km
IC - HV Type B	1,00	0,21	2,50	/	6,30	20,00
IC - HV Type C2	1,00	0,21	2,50	0,90	8,10	20,00
IC - HV Type D2	1,00	0,21	2,50	0,90	9,00	20,00

Diameters tolerances : according with EN 50143 standards

### Specific type

**Type B:** silicone rubber insulated cable

**Type C2:** silicone rubber insulation cable with an external thermoplastic sheath type LSZH Z M1

**Type D2:** silicone rubber insulation cable shielded with tinned copper and sheathed with an external thermoplastic sheath type LSZH Z M1

### Properties

Good resistance to high and low temperature.

Weather proof.

Suitable for electronic ignition or similar application in lighting devices EN 50107