

HV CABLE EN 50143

◀HAR▶ APPROVED IGNITION SINGLE CORE FLEXIBLE CONDUCTOR



APPROVALS:
IMQ CA 01.00406
IMQ CA 01.00578



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

INSULATION COLOUR



Flexible tinned copper conductor

APPLICATIONS



PACKAGING



Technical Data

Nominal Voltage	U ₀ /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

TYPE	NOMINAL SECTION	MAXIMUM OVER.DIAM. OF THE CONDUCTOR WIRES	INSULATION THICKNESS	SHEATH THICKNESS	OVERALL DIAMETER	TINNED COPPER
	mm ²	mm	mm	mm	mm	/Km
HV CABLE Type B	1.00	0.21	2.50	/	6.30	20.00
HV CABLE Type C2	1.00	0.21	2.50	0.90	8.10	20.00
HV CABLE Type D2	1.00	0.21	2.50	0.90	9.00	20.00

Diameters tollerances : 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.