Fire Resistant Armoured Cable

950 °C / 90 MIN · IEC 60331

Mica-barrier fire resistant armoured cable, 950 °C for 90 minutes to IEC 60331, with LSZH sheath for life-safety circuits.

RATED VOLTAGE	CONDUCTOR	FIRE BARRIER	INSULATION
0.6/1 kV	Class 2 stranded copper	Mica tape over each conductor	XLPE or LSZH

TYPICAL APPLICATIONS

- Fire pump and sprinkler supplies
- Smoke extraction and pressurisation fans
- Emergency lighting and alarm circuits
- Lift and evacuation systems
- Tunnel and metro life-safety circuits

TECHNICAL DATA

Property	Specification	Oversheath	LSZH, low smoke
Rated voltage	0.6/1 kV	**Fire test**	IEC 60331-21, 950 °C / 90 min
Conductor	Class 2 stranded copper	**Optional tests**	BS 6387 CWZ, BS 8491, water spray
Fire barrier	Mica tape over each conductor	**Smoke / halogen**	IEC 61034, IEC 60754
Insulation	XLPE or LSZH	**Cross-section**	1.5 – 240 mm²
Armour	Galvanised steel tape or wire	**Standard**	IEC 60502-1, BS 7846

Typical values. The final construction is confirmed on the order datasheet and the released drawing.

STANDARDS, TESTING AND DOCUMENTS

Routine tests	Conductor resistance, voltage test and insulation resistance on every length
Type tests	Type-test reports for each construction, witnessed by a third party on request
Documents with the drum	Packing list, drum list, routine test certificate, datasheet, CO / FORM A
Traceability	Drum number marked and recorded against the routine test certificate

OTHER CONSTRUCTIONS FROM THE SAME RANGE

SWA LV Power Cable	www.zmsarmouredcable.com/products/swa-armoured-power-cables/swa-lv-power-cable/
Steel Wire Armoured MV	www.zmsarmouredcable.com/products/steel-wire-armoured-cables/steel-wire-armoured-mv-cable/
AWA Armoured Cable	www.zmsarmouredcable.com/products/awa-aluminum-wire-armoured-cables/awa-armoured-cable/

PACKING AND DELIVERY

Drum	Wooden or steel-framed export drum, 250–500 m per drum by cross-section
Packing	Sealed ends, protected lugs, desiccant, UV-resistant wrap
Marking	Drum no., designation, voltage, cross-section, length, gross weight
Lead time	15–25 working days for standard builds
Terms	FOB Qingdao, Tianjin or Shanghai. CIF, CFR and DAP on request

HOW TO ORDER

To quote, send the voltage class (U0/U), conductor material and cross-section, screen or armour, sheath, drum length, delivery port and the standard the project specifies. We return a released drawing, the test programme and a drum plan with the quotation.

Certification. Environmental management to ISO 14001:2015 and occupational health and safety to ISO 45001:2018, with CE marking under the EU low-voltage and EMC directives. Independent inspection and type testing are carried out through ISO/IEC 17020 and 17025 accredited laboratories. Certificate numbers and validity dates are published at www.zmsarmouredcable.com/certificates/.

Request a quotation for this cable

Send the specification sheet or the cable schedule and we return a released drawing, the test programme and a drum plan with the price.

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