Mining Armoured Cable

MINING · FLAME RETARDANT

Flame retardant armoured power cable for underground roadways and open-pit equipment — reinforced sheath, rodent and impact protection.

RATED VOLTAGE	CONDUCTOR	INSULATION	ARMOUR
0.6/1 kV, 3.3 kV on request	Stranded copper, class 2 or 5	XLPE or PVC, flame retardant	Galvanised steel wire or tape

TYPICAL APPLICATIONS

- Underground roadways and shafts
- Coal and metal mine fixed plant
- Open-pit equipment supply
- Conveyor and pump stations
- Ventilation and dewatering circuits

TECHNICAL DATA

Property	Specification	Property	Specification
Rated voltage	0.6/1 kV, 3.3 kV on request	**Flame test**	IEC 60332-3 (cat. B)
Conductor	Stranded copper, class 2 or 5	**Cross-section**	1.5 – 300 mm²
Insulation	XLPE or PVC, flame retardant	**Standard**	IEC 60502-1, IEC 60332-3, project spec
Armour	Galvanised steel wire or tape	**Options**	Earth conductor, flexible construction, armoured pilot cores
Sheath	Reinforced PVC or LSZH, flame retardant	**Packing**	Drum, cut to roadway length

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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