Open-pit Mining Trailing Cable

High-flexibility trailing cable for electric shovels, drills and bucket-wheel excavators on reeling and drag duty in open-pit mines.

CONSTRUCTION

- Extra-flexible fine-stranded copper conductor.
- EPR or XLPE insulation for drag duty.
- Heavy-duty rubber or elastomer sheath for abrasion and oil resistance.
- Earth and pilot cores integrated as required.

TECHNICAL DATA

Rated voltage	0.6/1 kV – 6/10 kV	**Core count**	3–5 power cores + earth + pilot
Conductor	Fine-stranded copper, Class 5/6	**Standards**	IEC 60502, IEC 60245
Insulation	EPR or XLPE	**Operating temperature**	-25 °C to +85 °C
Sheath	Heavy-duty rubber / elastomer	**Packing**	Steel or wooden drum, custom lengths from 500 m

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

Mining Light Duty Flexible Cable	www.zmsminingcable.com/products/special-mining-cables/mining-light-duty-cable/
Mining Explosion-proof Cable	www.zmsminingcable.com/products/special-mining-cables/mining-explosion-proof-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.zmsminingcable.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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