SWA Steel Tape Armoured LV Power Cable

0.6/1 KV · STEEL TAPE ARMOUR

0.6/1kV steel tape armoured PVC or XLPE power cable for direct burial — 1 to 5 cores, 1.5 to 630 mm², IEC 60502-1 and BS 6346.

RATED VOLTAGE	CONDUCTOR	INSULATION	CORES
0.6/1 kV	Class 1 or 2 copper, or aluminium	PVC (70 °C) or XLPE (90 °C)	1, 2, 3, 3+1, 4, 4+1, 5

TYPICAL APPLICATIONS

- Direct burial in trenches and ducts
- Industrial plant power distribution
- Building sub-mains and risers
- Municipal and road lighting feeders
- Pump and motor supplies

TECHNICAL DATA

Property	Specification	Inner sheath	PVC or PE
Rated voltage	0.6/1 kV	**Oversheath**	PVC, PE or LSZH
Conductor	Class 1 or 2 copper, or aluminium	**Standard**	IEC 60502-1, BS 6346
Insulation	PVC (70 °C) or XLPE (90 °C)	**Flame test**	IEC 60332-1-2
Cores	1, 2, 3, 3+1, 4, 4+1, 5	**Bending radius**	12 × overall diameter
Cross-section	1.5 – 630 mm²	**Packing**	500 m / 1000 m drum, cut lengths
Armour	Galvanised steel tape (STA / SWA)		

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

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/
Armoured Shielded Control	www.zmsarmouredcable.com/products/armoured-control-cables/armoured-shielded-control-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.

Tel +86 371 6782 9333
WhatsApp +86 173 0383 6349
info@zmscable.com
www.zmsarmouredcable.com