



PVC-insulated, numbered, PUR sheath, approved

Multi-standard approval reduces part varieties and saves costs; Protection against water and dirt

- Core Line for ordinary duty in power chain applications



Product description

Application range

- In power chains or moving machine parts
- Plant engineering
- Machine tools

Benefits

- Multi-standard approval reduces part varieties and saves costs
- Protection against water and dirt

Product Make-up

- Extra-fine wire strand made of bare copper wires (class 6)
- Core insulation: PVC
- Cores twisted in layers in short lay lengths

- Non-woven wrapping
- PUR outer sheath, black (RAL 9005)

Norm references / Approvals

- UL rec. AWM Style 20234
- cRU AWM II A/B FT 1
- For use in power chains: Please comply with the assembly guidelines listed in Appendix T3
- UL File No. E63634

Product features

- Abrasion and cut-resistant
- Oil-resistant
- Low-adhesive surface
- Flame-retardant according to IEC 60332-1-2 & CSA FT1
- Designed for 5 million alternating bending cycles and travel distances up to 10 meter

Technical Data

Core identification code	Black with white numbers acc. to VDE 0293-1
Classification	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Conductor stranding	Extra-fine wire according to VDE 0295, class 6/IEC 60228 class 6
Minimum bending radius	For flexible use: 7.5 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage	IEC: 300/500 V UL/CSA: 600 V
Test voltage	4000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Temperature range	Flexing: -5°C to +80°C Fixed installation: -40°C to +80°C