



• Introduction

This cable enhances the mechanical, physical, and electrical characteristics of a flexible cable with a simple annealed copper conductor through specific materials used for insulation and sheathing. It complies with European regulations and is primarily employed to connect mobile welding equipment to electrodes or ground clamps.

• Application

The cable is designed to connect the electrode holder, workpiece, and welding energy source. It is suitable for temporary outdoor use and can be utilized in both damp and dry environments. Common applications include machine tools, automated welding machines, transportation, conveyor and assembly line systems, as well as the automotive and shipbuilding industries.

• Performance

Temperature range:
Flexible: -20°C to +85°C
Fixed: -35°C to +85°C
Operating temperature of the conductor: +85°C
Nominal voltage: AC U0/U 100/100 V
Test voltage: 1000 V
Minimum bending radius: Flexible - 12x Outer-Ø

• Construction

Phase conductors:
Material: Bare copper
Construction: High flexible IEC 60228
Insulation:
Material: EPR compound, EI7 quality according to EN 50363-1
Outer sheath:
Material: Rubber compound, EM5 quality according to EN 50363-2-2
Color: Black

• Specification

-DIN VDE 0282-6
-DIN EN 60228 class 5 (construction)
-HD 22.6 S2: 1995+A1:1999+A2:2004

• Eastful Cable Lab



We have CNAS Accredited Facility to assure conformity assessment services with a focus on quality, expertise, and customer satisfaction.

CNAS has international mutual recognition among IAF, ILAC, APLAC and PAC.

• Accreditation

We meet the requirements of ISO9001, ISO14001, ISO45001 and ISO50001 and our cables have certificate of CCC, RoHS, CASC, UL, cUL, TÜV Rheinland and CCS.



• National Green Factory



Our facility has been awarded of National Green Factory by Ministry of Industry and Information Technology of China. We are committed to the development of high-end, intelligent and green manufacturing industry.

*The overall energy consumption level of green factories is better than the energy efficiency benchmark level.

● Technical Parameters

| No. Of Cores and Nominal Cross Section Area | Copper Figure | Wire Dia. | Insulation Thickness | Approx.Overall Dia. | Approx.Weight |
|---|---------------|-----------|----------------------|---------------------|---------------|
| mm² | kg/km | mm | mm | mm | kg/km |
| 1 x 16 | 153.60 | 0.21 | 2.0 | 9.5 | 210 |
| 1 x 25 | 240.00 | 0.21 | 2.0 | 11.0 | 300 |
| 1 x 35 | 336.00 | 0.21 | 2.0 | 12.0 | 400 |
| 1 x 50 | 480.00 | 0.21 | 2.0 | 14.0 | 560 |
| 1 x 70 | 672.00 | 0.21 | 2.4 | 16.5 | 780 |
| 1 x 95 | 912.00 | 0.21 | 2.6 | 18.5 | 1.01 |
| 1 x 120 | 1152.00 | 0.51 | 2.8 | 20.0 | 1.25 |