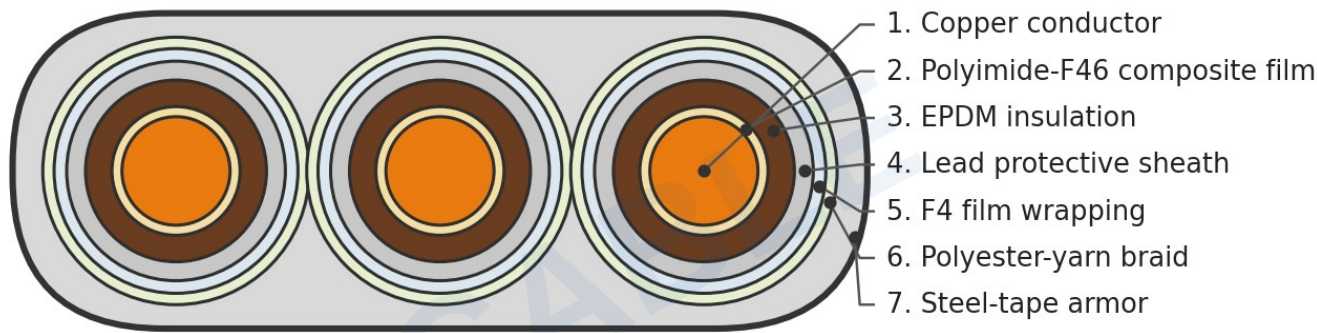


MLE Cable Assembly - 3 × 13 mm² (6 AWG)

Model QYYEQ | 5/6 kV | 232°C | Flat armored ESP motor lead cable



Flat profile: 10.81 ± 0.8 mm × 28.68 ± 1.0 mm

Product Identification

Item	Specification
Cable description	Polyimide-F46 composite film and EPDM insulated, lead-sheathed ESP motor lead cable assembly
Cable model	QYYEQ
Rated voltage	5/6 kV
Temperature rating	232°C
Configuration	3 × 13 mm² (6 AWG), flat construction

Construction

Component	Material / Construction	Dimension
Conductor	Single-core copper conductor	Diameter 4.12 mm ±1%
Primary insulation	Polyimide-F46 composite film wrapping	-
EPDM insulation	EPDM insulation over the wrapped conductor	Insulated OD 6.85 ± 0.30 mm
Protective sheath	Lead protective sheath	Thickness 0.80 mm; OD 8.45 ± 0.50 mm
Film serving	F4 film wrapping	-
Textile serving	Polyester-yarn braid	-
Armor	12.7 × 0.38 mm galvanized-steel tape or stainless-steel tape	Overall 10.81 ± 0.80 mm × 28.68 ± 1.00 mm

Electrical and Physical Performance

Property	Requirement
Maximum DC conductor resistance at 20°C	≤ 1.39 Ω/km
Cable withstand test	35 kV DC for 5 min
Insulation resistance at 15.6°C	≥ 2,630 MΩ·km
Leakage current at 15.6°C	≤ 0.38 μA/kV/km
Calculated cable mass	1.5 kg/m

Technical values are translated from the supplied Chinese specification. Final production tolerances and interface dimensions should be confirmed by the approved drawing and ESP motor connector before order release.

