



Flat Cables

Spec for IN1807033

400°F / 204°C EPDM/LEAD Flat Electrical Submersible Pump Cable

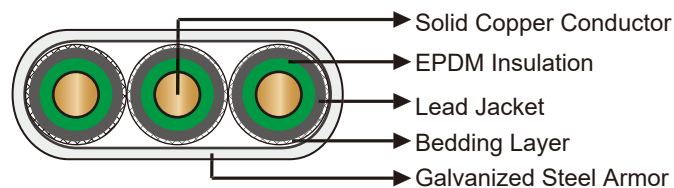
» Applications

These cables are designed for transmitting power to the submersible motor in the oil industry, suitable for installed down well in the oil industry.

» Standard

IEEE Std. 1018
API RP 11S5
API RP 11S6

» Construction



Conductor:

Solid copper conductor.

Insulation:

EPDM insulation.

Jacket:

Lead jacket. Each insulated conductor should have a lead sheath extruded over the insulation.

Bedding Layer:

Bedding tape.

Armor:

Galvanized steel.



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» Dimensions and Weight

5KV

| Cable Type | Conductor Size | | Conductor O.D. mm | Insulation Thickness | | Overall O.D. | | Approx. Weight kg/km |
|------------------|----------------|-----------------|----------------------|----------------------|-----|--------------|-------------|-------------------------|
| | AWG | mm ² | | Inches | mm | Inches | mm | |
| QYEQ-204-5KV-3G2 | 2 | 33.62 | 6.54±0.07 | 0.07 | 1.9 | 0.63 x 1.67 | 16.0 x 42.5 | 3100 |

» Electrical Data

| | | |
|--|------------|--------------|
| Voltage | KV AC | 5 |
| Minimum Insulation Resistance (15.6°C) | MΩ·km | 1294 |
| Maximum DC Current Unbalance | % | 2 |
| Maximum DC Leakage (15.6°C) | μA/(KV·km) | 0.77 |
| Maximum DC Conductor Resistant | Ω/km | 0.522 |
| DC 35KV/5min | | No breakdown |

» Mechanical Data

| | | |
|------------------------|----|-----|
| Temperature Rated | °C | 204 |
| Minimum Bending Radius | mm | 320 |