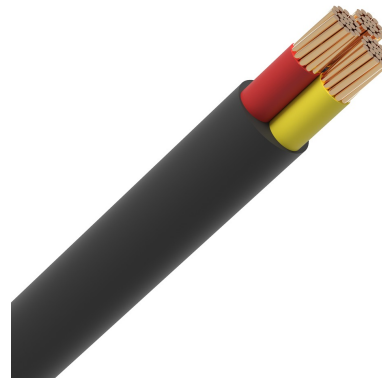


# 3 Core Round Submersible Pump Cable

Submersible pump cable for wet-location and pump power connection

3 Core Round Submersible Pump Cable is prepared for preliminary product selection and quotation review. This product is used for submersible pump and motor power connection where wet-location service, core arrangement, conductor size and sheath performance must be reviewed against the project condition.



## VOLTAGE

600V, 1000V

## CONDUCTOR

Flexible copper conductor route, according to product standard

## TYPICAL USE

Submersible pumps

## STANDARDS

Project-specific standards can be reviewed according to inquiry documents.

## DATA SCOPE

1 technical table(s) included for preliminary selection

## SELECTION NOTE

Confirm special performance, voltage, conductor, standard and installation condition.

**For quotation review, provide cable type, standard, size, quantity and project destination.**

[ethan@farwalkcable.com](mailto:ethan@farwalkcable.com) | +86 155 5800 6344

## Application & Selection Summary

### Typical applications

- Submersible pumps
- boreholes and wells
- irrigation systems
- water treatment
- wet-location motor power connection.

### Selection logic

- Confirm voltage, core count, conductor size, flat or round construction, sheath material, wet-location condition and applicable standard.

## Construction Overview

| Item          | Website-ready content                                                                                                              |
|---------------|------------------------------------------------------------------------------------------------------------------------------------|
| Product route | Copper conductor with insulation and outer sheath arranged as flat or round pump cable according to the selected product standard. |
| Voltage       | 600V, 1000V                                                                                                                        |
| Conductor     | Flexible copper conductor route, according to product standard                                                                     |
| Standards     | Project-specific standards can be reviewed according to inquiry documents.                                                         |
| Confirmation  | Final structure, dimensions and packing should follow selected standard, quotation review and order specification.                 |

## Readable Data Index

| Data route                                              | Size / rating range                              | Construction | Diameter / OD | Resistance / weight / rating |
|---------------------------------------------------------|--------------------------------------------------|--------------|---------------|------------------------------|
| 3 Core Round Submersible Pump Cable - Technical Table 1 | 3 x 1.5 mm <sup>2</sup> - 3 x 35 mm <sup>2</sup> | See table    | 10.2 - 31.2   | 13.3 - 0.55                  |

Data boundary: these tables support website launch, quotation review and preliminary product selection. For project execution, final dimensions, electrical performance, packing and compliance documents should be confirmed against the selected project standard and order specification.

## 3 Core Round Submersible Pump Cable - Technical Table 1

Reference table for preliminary selection and quotation review.

| Size (AWG / mm <sup>2</sup> ) | Approx. Overall OD (mm) | Approx. Weight (kg/km) | Current Rating @ 30°C (A) | Max. Resistance (Ω/km) |
|-------------------------------|-------------------------|------------------------|---------------------------|------------------------|
| 3 x 1.5 mm <sup>2</sup>       | 10.2                    | 145                    | 20                        | 13.3                   |
| 3 x 2.5 mm <sup>2</sup>       | 11.8                    | 195                    | 27                        | 7.98                   |
| 3 x 4.0 mm <sup>2</sup>       | 13.5                    | 270                    | 36                        | 4.95                   |
| 3 x 6.0 mm <sup>2</sup>       | 15.2                    | 350                    | 47                        | 3.30                   |
| 3 x 10 mm <sup>2</sup>        | 19.5                    | 580                    | 65                        | 1.91                   |
| 3 x 16 mm <sup>2</sup>        | 22.8                    | 850                    | 87                        | 1.21                   |
| 3 x 25 mm <sup>2</sup>        | 27.5                    | 1250                   | 115                       | 0.78                   |
| 3 x 35 mm <sup>2</sup>        | 31.2                    | 1650                   | 143                       | 0.55                   |