



# TWU75/Submersible Pump Cable

## Heavy Duty Flat Jacketed with Ground 600 Volt Copper

### Description & Features:

C(UL) listed Type TWU75 heavy duty flat submersible pump cable is a multi-purpose cable with parallel, individually insulated, color coded conductors, green ground insulated conductor and an over-all jacket. Construction provides flexible copper stranding insulated with Type TWU75 (PVC) compound. A tough PVC jacket, with a non-penetrating web, is easily stripped to facilitate installation yet provide optimum flexibility, mechanical protection and crush resistance.

- C(UL) listed as Type TWU75 Submersible Pump Cable
- Acid, alkali, oil and grease resistant
- Weather, ozone and sunlight resistant jacket
- Abrasion and crush resistant
- Sequential footage marks

### Applications:

- For use within the well casing to supply power to the submersible pump
- Designed for use where extra mechanical protection and flexibility during installation and operation are required

### Specifications & Standards:

CSA C22.2 No. 75; RoHS Compliant

### Construction:

Conductors: Flexible stranded soft annealed copper

Insulation: Thermoplastic PVC

Color coding: black, red, yellow, green (ground)

Assembly: The insulated conductors, including the grounding conductor, are configured flat and parallel without fillers

Jacket: Black thermoplastic PVC applied directly over the conductors with a non-penetrating web

Temperature: 75°C Voltage: 600

### THREE CONDUCTORS WITH GREEN INSULATED GROUNDING CONDUCTORS

| Part Number | Conductor Size, AWG |             | Dimensions (inches) |        |              | Standard Packaging | Ampacity NEC§ | Weight (Lbs./Mft.) |
|-------------|---------------------|-------------|---------------------|--------|--------------|--------------------|---------------|--------------------|
|             | Power               | Ground      | Insulation          | Jacket | O.D.         |                    |               |                    |
| PFBU12/3GG  | 12/3 (19 str)       | 12 (19 str) | .060                | .045   | .302 x .938  | 500' & 1000'       | 20            | 223                |
| PFBU10/3GG  | 10/3 (19 str)       | 10 (19 str) | .060                | .045   | .326 x 1.034 | 500' & 1000'       | 30            | 292                |
| PFBU8/3GG   | 8/3 (19 str)        | 10 (19 str) | .080                | .045   | .396 x 1.244 | 500' & 1000'       | 50            | 433                |
| PFBU6/3GG   | 6/3 (19 str)        | 8 (19 str)  | .080                | .045   | .434 x 1.428 | 500' & 1000'       | 65            | 589                |
| PFBU4/3GG   | 4/3 (19 str)        | 8 (19 str)  | .080                | .045   | .482 x 1.572 | 500' & 1000'       | 85            | 789                |
| PFBU2/3GG   | 2/3 (19 str)        | 6 (19 str)  | .080                | .045   | .542 x 1.790 | 500' & 1000'       | 115           | 1,122              |

### TWO CONDUCTORS WITH GREEN INSULATED GROUNDING CONDUCTORS

| Part Number | Conductor Size, AWG |             | Dimensions (inches) |        |             | Standard Packaging | Ampacity NEC§ | Weight (Lbs./Mft.) |
|-------------|---------------------|-------------|---------------------|--------|-------------|--------------------|---------------|--------------------|
|             | Power               | Ground      | Insulation          | Jacket | O.D.        |                    |               |                    |
| PFBU12/2GG  | 12/2 (19 str)       | 12 (19 str) | .060                | .045   | .302 x .726 | 500' & 1000'       | 20            | 289                |
| PFBU10/2GG  | 10/2 (19 str)       | 10 (19 str) | .060                | .045   | .326 x .789 | 500' & 1000'       | 30            | 251                |

§ Per Table 310-16 of the NEC

All values are nominal; all weights are exclusive of packaging. All diameters and weights are subject to normal manufacturing tolerances.

All sales are subject to Standard Terms & Conditions of Sale.