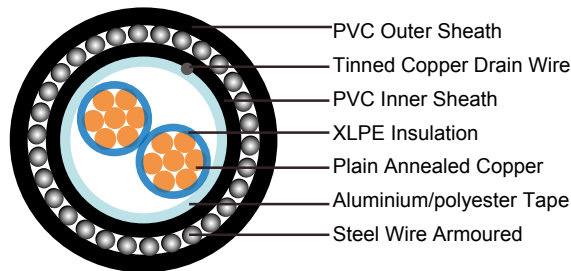


## Flame Retardant Overall Screened, Armoured Instrumentation Cables (Multicore) RE-2X(St)YSWAY



### APPLICATION

The armoured XLPE versions are generally used when the risk of mechanical damage is increased. The galvanized steel wire armour provides excellent protection. Generally used within industrial process manufacturing plants for communication, data and voice transmission signals and services.

### STANDARDS

Basic design to BS EN 50288-7 (formerly BS 5308)

### FIRE PERFORMANCE

|  |                 |
|--|-----------------|
| Flame Retardance (Single Vertical Wire Test) | BS EN 60332-1-2 |
|--|-----------------|

### VOLTAGE RATING

300V, 500V

### CABLE CONSTRUCTION

**Conductor:** Plain or metal coated copper wire, solid, stranded or flexible according to IEC 60228 class 1, 2 and 5.

**Insulation:** Extruded XLPE compound according to EN 50290-2-29. PVC, PE, PP compound can be offered as options.

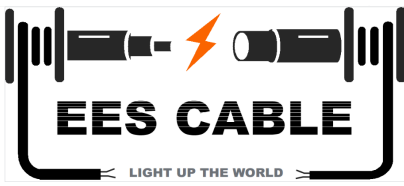
**Overall Screen:** Aluminium/polyester tape is applied over the laid up cores with metallic side down in contact with tinned copper drain wire, 0.5mm<sup>2</sup>. Copper braid screen or aluminium/polyester tape combined with copper braid screen can be offered as option.

**Inner Sheath:** Thermoplastic PVC compound according to EN 50290-2-22.

**Armouring:** Galvanised steel wire.

**Outer Sheath:** Thermoplastic PVC compound according to EN 50290-2-22.

**Outer Sheath Option:** UV resistance, hydrocarbon resistance, oil resistance, anti-rodent and anti-termite properties can be offered as option. Compliance to fire performance standard (IEC 60332-1, IEC 60332-3, UL 1581, UL 1666 etc) depends on the oxygen index of the PVC compound and the overall cable design.



LSPVC can also be provided upon request.

### COLOUR CODE

**Insulation Colour:** Colours and/or additional ring markings and/or symbols achieved by the use of coloured insulation or by a coloured surface using extrusion, printing or painting.

**Outer Sheath:** Black. Other colours can be offered upon request.

### PHYSICAL AND THERMAL PROPERTIES

**Temperature range during operation:** -30°C - +90°C

**Temperature range fixed installation:** -5°C - +50°C

**Maximum short circuit temperature (5 Seconds):** 250°C

**Minimum bending radius:** 10 x Overall Diameter

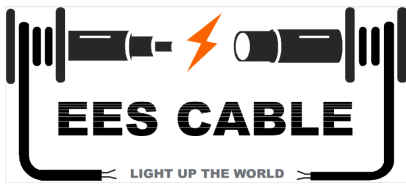
### ELECTRICAL PROPERTIES

#### 300V

|                                      |                 |      |       |      |      |
|--------------------------------------|-----------------|------|-------|------|------|
| Conductor Area Size                  | mm <sup>2</sup> | 0.5  | 0.75  | 1.0  | 1.5  |
| Insulation Thickness (Nominal)       | mm              | 0.4  | 0.4   | 0.4  | 0.5  |
| Insulation Thickness (Minimum)       | mm              | 0.26 | 0.26  | 0.26 | 0.35 |
| Conductor Resistance (20°C)          | ohm/km          | 36.7 | 25.0  | 18.5 | 12.3 |
| Minimum Insulation Resistance (20°C) | Mohm/km         | 1000 |       |      |      |
| Maximum Mutual Capacitance           | nf/km           | 250  |       |      |      |
| Capacitance Unbalance                | pf/500m         | 500  |       |      |      |
| Maximum L/R (Ratio)                  | μH/Ω            | 25   | 25    | 25   | 40   |
| Operating Voltage                    | V               | 300  |       |      |      |
| Dielectric Strength for 1 Minute     | AC              | V    | ≥1000 |      |      |
|                                      | DC              | V    | ≥2000 |      |      |

#### 500V

|                                      |                 |      |      |      |      |      |
|--------------------------------------|-----------------|------|------|------|------|------|
| Conductor Area Size                  | mm <sup>2</sup> | 0.5  | 0.75 | 1.0  | 1.5  | 2.5  |
| Insulation Thickness (Nominal)       | mm              | 0.6  | 0.6  | 0.6  | 0.6  | 0.7  |
| Insulation Thickness (Minimum)       | mm              | 0.44 | 0.44 | 0.44 | 0.44 | 0.53 |
| Conductor Resistance (20°C)          | ohm/km          | 36.7 | 25.0 | 18.5 | 12.3 | 7.4  |
| Minimum Insulation Resistance (20°C) | Mohm/km         | 1000 |      |      |      |      |
| Maximum Mutual Capacitance           | nf/km           | 250  |      |      |      |      |
| Capacitance Unbalance                | pf/500m         | 500  |      |      |      |      |
| Maximum L/R (Ratio)                  | μH/Ω            | 25   | 25   | 25   | 40   | 60   |
| Operating Voltage                    | V               | 500  |      |      |      |      |

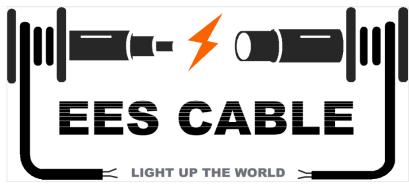


|                                  |    |   |       |
|----------------------------------|----|---|-------|
| Dielectric Strength for 1 Minute | AC | V | ≥2000 |
|                                  | DC | V | ≥3000 |

## CONSTRUCTION PARAMETERS

### 300V

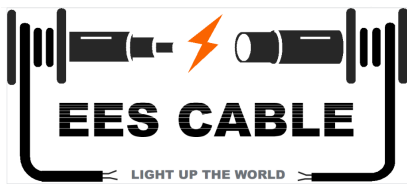
| Conductor                   |                    | RE-2X(St)YSWAY               |                                |                              |                                |                          |                |
|-----------------------------|--------------------|------------------------------|--------------------------------|------------------------------|--------------------------------|--------------------------|----------------|
| No. of Core X Cross Section | Class of Conductor | Nominal Insulation Thickness | Nominal Inner Sheath Thickness | Nominal Armour Wire Diameter | Nominal Outer Sheath Thickness | Approx. Overall Diameter | Approx. Weight |
| mm <sup>2</sup>             |                    | mm                           | mm                             | mm                           | mm                             | mm                       | kg/km          |
| <b>0.5mm<sup>2</sup></b>    |                    |                              |                                |                              |                                |                          |                |
| 2x0.5                       | 2                  | 0.4                          | 0.9                            | 0.9                          | 1.3                            | 9.9                      | 201            |
| 3x0.5                       | 2                  | 0.4                          | 0.9                            | 0.9                          | 1.3                            | 10.1                     | 217            |
| 4x0.5                       | 2                  | 0.4                          | 0.9                            | 0.9                          | 1.3                            | 10.6                     | 238            |
| 5x0.5                       | 2                  | 0.4                          | 0.9                            | 0.9                          | 1.3                            | 11.1                     | 260            |
| 8x0.5                       | 2                  | 0.4                          | 1.0                            | 0.9                          | 1.4                            | 12.5                     | 329            |
| 10x0.5                      | 2                  | 0.4                          | 1.0                            | 0.9                          | 1.4                            | 13.7                     | 382            |
| 12x0.5                      | 2                  | 0.4                          | 1.0                            | 0.9                          | 1.4                            | 14.0                     | 405            |
| 14x0.5                      | 2                  | 0.4                          | 1.0                            | 0.9                          | 1.4                            | 14.4                     | 434            |
| 16x0.5                      | 2                  | 0.4                          | 1.0                            | 0.9                          | 1.4                            | 15.0                     | 464            |
| 20x0.5                      | 2                  | 0.4                          | 1.1                            | 0.9                          | 1.5                            | 16.1                     | 537            |
| 24x0.5                      | 2                  | 0.4                          | 1.1                            | 0.9                          | 1.5                            | 17.6                     | 614            |
| 27x0.5                      | 2                  | 0.4                          | 1.1                            | 0.9                          | 1.5                            | 17.8                     | 645            |
| 30x0.5                      | 2                  | 0.4                          | 1.2                            | 0.9                          | 1.5                            | 18.5                     | 695            |
| 37x0.5                      | 2                  | 0.4                          | 1.2                            | 0.9                          | 1.6                            | 19.7                     | 789            |
| 40x0.5                      | 2                  | 0.4                          | 1.2                            | 1.25                         | 1.6                            | 20.9                     | 953            |
| <b>0.75mm<sup>2</sup></b>   |                    |                              |                                |                              |                                |                          |                |
| 2x0.75                      | 2                  | 0.4                          | 0.9                            | 0.9                          | 1.3                            | 10.2                     | 217            |
| 3x0.75                      | 2                  | 0.4                          | 0.9                            | 0.9                          | 1.3                            | 10.5                     | 237            |
| 4x0.75                      | 2                  | 0.4                          | 0.9                            | 0.9                          | 1.4                            | 11.2                     | 266            |
| 5x0.75                      | 2                  | 0.4                          | 1.0                            | 0.9                          | 1.4                            | 12.0                     | 302            |
| 8x0.75                      | 2                  | 0.4                          | 1.0                            | 0.9                          | 1.4                            | 13.1                     | 368            |
| 10x0.75                     | 2                  | 0.4                          | 1.1                            | 0.9                          | 1.5                            | 14.8                     | 447            |
| 12x0.75                     | 2                  | 0.4                          | 1.1                            | 0.9                          | 1.5                            | 15.1                     | 477            |
| 14x0.75                     | 2                  | 0.4                          | 1.1                            | 0.9                          | 1.5                            | 15.6                     | 513            |
| 16x0.75                     | 2                  | 0.4                          | 1.1                            | 0.9                          | 1.5                            | 16.2                     | 551            |
| 20x0.75                     | 2                  | 0.4                          | 1.2                            | 0.9                          | 1.6                            | 17.4                     | 639            |
| 24x0.75                     | 2                  | 0.4                          | 1.3                            | 0.9                          | 1.6                            | 19.3                     | 746            |
| 27x0.75                     | 2                  | 0.4                          | 1.3                            | 0.9                          | 1.6                            | 19.6                     | 787            |
| 30x0.75                     | 2                  | 0.4                          | 1.3                            | 1.25                         | 1.6                            | 20.8                     | 957            |
| 37x0.75                     | 2                  | 0.4                          | 1.3                            | 1.25                         | 1.7                            | 22.1                     | 1084           |
| 40x0.75                     | 2                  | 0.4                          | 1.4                            | 1.25                         | 1.7                            | 22.8                     | 1153           |
| <b>1.0mm<sup>2</sup></b>    |                    |                              |                                |                              |                                |                          |                |
| 2x1.0                       | 2                  | 0.4                          | 0.9                            | 0.9                          | 1.3                            | 10.6                     | 237            |
| 3x1.0                       | 2                  | 0.4                          | 0.9                            | 0.9                          | 1.3                            | 11.0                     | 261            |
| 4x1.0                       | 2                  | 0.4                          | 0.9                            | 0.9                          | 1.4                            | 11.7                     | 296            |
| 5x1.0                       | 2                  | 0.4                          | 0.9                            | 0.9                          | 1.4                            | 12.3                     | 329            |



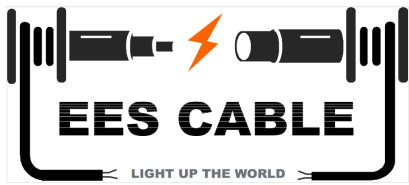
| Conductor                   |                    | RE-2X(St)YSWAY               |                                |                              |                                |                          |                |
|-----------------------------|--------------------|------------------------------|--------------------------------|------------------------------|--------------------------------|--------------------------|----------------|
| No. of Core X Cross Section | Class of Conductor | Nominal Insulation Thickness | Nominal Inner Sheath Thickness | Nominal Armour Wire Diameter | Nominal Outer Sheath Thickness | Approx. Overall Diameter | Approx. Weight |
| mm <sup>2</sup>             |                    | mm                           | mm                             | mm                           | mm                             | mm                       | kg/km          |
| 8x1.0                       | 2                  | 0.4                          | 1.0                            | 0.9                          | 1.4                            | 13.8                     | 419            |
| 10x1.0                      | 2                  | 0.4                          | 1.0                            | 0.9                          | 1.5                            | 15.5                     | 500            |
| 12x1.0                      | 2                  | 0.4                          | 1.0                            | 0.9                          | 1.5                            | 15.8                     | 538            |
| 14x1.0                      | 2                  | 0.4                          | 1.0                            | 0.9                          | 1.5                            | 16.4                     | 583            |
| 16x1.0                      | 2                  | 0.4                          | 1.1                            | 0.9                          | 1.5                            | 17.2                     | 641            |
| 20x1.0                      | 2                  | 0.4                          | 1.2                            | 0.9                          | 1.5                            | 18.3                     | 739            |
| 24x1.0                      | 2                  | 0.4                          | 1.2                            | 1.25                         | 1.6                            | 21.0                     | 987            |
| 27x1.0                      | 2                  | 0.4                          | 1.2                            | 1.25                         | 1.6                            | 21.3                     | 1042           |
| 30x1.0                      | 2                  | 0.4                          | 1.2                            | 1.25                         | 1.6                            | 21.9                     | 1106           |
| 37x1.0                      | 2                  | 0.4                          | 1.3                            | 1.25                         | 1.7                            | 23.5                     | 1278           |
| 40x1.0                      | 2                  | 0.4                          | 1.3                            | 1.25                         | 1.7                            | 24.2                     | 1346           |
| 1.5mm <sup>2</sup>          |                    |                              |                                |                              |                                |                          |                |
| 2x1.5                       | 2                  | 0.5                          | 0.9                            | 0.9                          | 1.4                            | 11.8                     | 284            |
| 3x1.5                       | 2                  | 0.5                          | 0.9                            | 0.9                          | 1.4                            | 12.2                     | 316            |
| 4x1.5                       | 2                  | 0.5                          | 1.0                            | 0.9                          | 1.4                            | 13.1                     | 366            |
| 5x1.5                       | 2                  | 0.5                          | 1.0                            | 0.9                          | 1.4                            | 13.8                     | 409            |
| 8x1.5                       | 2                  | 0.5                          | 1.1                            | 0.9                          | 1.5                            | 15.7                     | 536            |
| 10x1.5                      | 2                  | 0.5                          | 1.1                            | 0.9                          | 1.5                            | 17.6                     | 635            |
| 12x1.5                      | 2                  | 0.5                          | 1.1                            | 0.9                          | 1.5                            | 18.0                     | 688            |
| 14x1.5                      | 2                  | 0.5                          | 1.2                            | 0.9                          | 1.5                            | 18.8                     | 762            |
| 16x1.5                      | 2                  | 0.5                          | 1.2                            | 0.9                          | 1.6                            | 19.8                     | 836            |
| 20x1.5                      | 2                  | 0.5                          | 1.3                            | 1.25                         | 1.6                            | 21.8                     | 1100           |
| 24x1.5                      | 2                  | 0.5                          | 1.3                            | 1.25                         | 1.7                            | 24.2                     | 1281           |
| 27x1.5                      | 2                  | 0.5                          | 1.4                            | 1.25                         | 1.7                            | 24.8                     | 1375           |
| 30x1.5                      | 2                  | 0.5                          | 1.4                            | 1.25                         | 1.7                            | 25.5                     | 1464           |
| 37x1.5                      | 2                  | 0.5                          | 1.4                            | 1.25                         | 1.8                            | 27.2                     | 1681           |
| 40x1.5                      | 2                  | 0.5                          | 1.5                            | 1.25                         | 1.8                            | 28.2                     | 1792           |

### 500V

| Conductor                   |                    | RE-2X(St)YSWAY               |                                |                              |                                |                          |                |
|-----------------------------|--------------------|------------------------------|--------------------------------|------------------------------|--------------------------------|--------------------------|----------------|
| No. of Core X Cross Section | Class of Conductor | Nominal Insulation Thickness | Nominal Inner Sheath Thickness | Nominal Armour Wire Diameter | Nominal Outer Sheath Thickness | Approx. Overall Diameter | Approx. Weight |
| mm <sup>2</sup>             |                    | mm                           | mm                             | mm                           | mm                             | mm                       | kg/km          |
| 0.5mm <sup>2</sup>          |                    |                              |                                |                              |                                |                          |                |
| 2x0.5                       | 2                  | 0.6                          | 0.9                            | 0.9                          | 1.3                            | 10.7                     | 228            |
| 3x0.5                       | 2                  | 0.6                          | 0.9                            | 0.9                          | 1.3                            | 11.0                     | 247            |
| 4x0.5                       | 2                  | 0.6                          | 0.9                            | 0.9                          | 1.4                            | 11.7                     | 278            |
| 5x0.5                       | 2                  | 0.6                          | 0.9                            | 0.9                          | 1.4                            | 12.4                     | 305            |
| 8x0.5                       | 2                  | 0.6                          | 1.0                            | 0.9                          | 1.4                            | 13.8                     | 381            |
| 10x0.5                      | 2                  | 0.6                          | 1.0                            | 0.9                          | 1.5                            | 15.5                     | 452            |
| 12x0.5                      | 2                  | 0.6                          | 1.1                            | 0.9                          | 1.5                            | 16.0                     | 491            |
| 14x0.5                      | 2                  | 0.6                          | 1.1                            | 0.9                          | 1.5                            | 16.6                     | 527            |



| Conductor                   |                    | RE-2X(St)YSWAY               |                                |                              |                                |                          |                |
|-----------------------------|--------------------|------------------------------|--------------------------------|------------------------------|--------------------------------|--------------------------|----------------|
| No. of Core X Cross Section | Class of Conductor | Nominal Insulation Thickness | Nominal Inner Sheath Thickness | Nominal Armour Wire Diameter | Nominal Outer Sheath Thickness | Approx. Overall Diameter | Approx. Weight |
| mm <sup>2</sup>             |                    | mm                           | mm                             | mm                           | mm                             | mm                       | kg/km          |
| 16x0.5                      | 2                  | 0.6                          | 1.1                            | 0.9                          | 1.5                            | 17.2                     | 564            |
| 20x0.5                      | 2                  | 0.6                          | 1.2                            | 0.9                          | 1.5                            | 18.4                     | 643            |
| 24x0.5                      | 2                  | 0.6                          | 1.2                            | 1.25                         | 1.6                            | 21.1                     | 872            |
| 27x0.5                      | 2                  | 0.6                          | 1.2                            | 1.25                         | 1.6                            | 21.4                     | 912            |
| 30x0.5                      | 2                  | 0.6                          | 1.3                            | 1.25                         | 1.6                            | 22.2                     | 976            |
| 37x0.5                      | 2                  | 0.6                          | 1.3                            | 1.25                         | 1.6                            | 23.4                     | 1090           |
| 40x0.5                      | 2                  | 0.6                          | 1.3                            | 1.25                         | 1.7                            | 24.2                     | 1153           |
| 0.75mm <sup>2</sup>         |                    |                              |                                |                              |                                |                          |                |
| 2x0.75                      | 2                  | 0.6                          | 0.9                            | 0.9                          | 1.3                            | 11.0                     | 245            |
| 3x0.75                      | 2                  | 0.6                          | 0.9                            | 0.9                          | 1.3                            | 11.4                     | 267            |
| 4x0.75                      | 2                  | 0.6                          | 0.9                            | 0.9                          | 1.4                            | 12.2                     | 302            |
| 5x0.75                      | 2                  | 0.6                          | 1.0                            | 0.9                          | 1.4                            | 13.0                     | 343            |
| 8x0.75                      | 2                  | 0.6                          | 1.0                            | 0.9                          | 1.4                            | 14.4                     | 422            |
| 10x0.75                     | 2                  | 0.6                          | 1.0                            | 0.9                          | 1.5                            | 16.2                     | 503            |
| 12x0.75                     | 2                  | 0.6                          | 1.0                            | 0.9                          | 1.5                            | 16.6                     | 537            |
| 14x0.75                     | 2                  | 0.6                          | 1.1                            | 0.9                          | 1.5                            | 17.4                     | 591            |
| 16x0.75                     | 2                  | 0.6                          | 1.1                            | 0.9                          | 1.5                            | 18.1                     | 636            |
| 20x0.75                     | 2                  | 0.6                          | 1.2                            | 0.9                          | 1.6                            | 19.5                     | 738            |
| 24x0.75                     | 2                  | 0.6                          | 1.3                            | 1.25                         | 1.6                            | 22.4                     | 997            |
| 27x0.75                     | 2                  | 0.6                          | 1.3                            | 1.25                         | 1.6                            | 22.7                     | 1047           |
| 30x0.75                     | 2                  | 0.6                          | 1.3                            | 1.25                         | 1.6                            | 23.3                     | 1106           |
| 37x0.75                     | 2                  | 0.6                          | 1.4                            | 1.25                         | 1.7                            | 25.1                     | 1271           |
| 40x0.75                     | 2                  | 0.6                          | 1.4                            | 1.25                         | 1.7                            | 25.8                     | 1335           |
| 1.0mm <sup>2</sup>          |                    |                              |                                |                              |                                |                          |                |
| 2x1.0                       | 2                  | 0.6                          | 0.9                            | 0.9                          | 1.3                            | 11.4                     | 265            |
| 3x1.0                       | 2                  | 0.6                          | 0.9                            | 0.9                          | 1.4                            | 12.0                     | 297            |
| 4x1.0                       | 2                  | 0.6                          | 1.0                            | 0.9                          | 1.4                            | 12.9                     | 342            |
| 5x1.0                       | 2                  | 0.6                          | 1.0                            | 0.9                          | 1.4                            | 13.6                     | 380            |
| 8x1.0                       | 2                  | 0.6                          | 1.0                            | 0.9                          | 1.4                            | 15.1                     | 473            |
| 10x1.0                      | 2                  | 0.6                          | 1.1                            | 0.9                          | 1.5                            | 17.3                     | 578            |
| 12x1.0                      | 2                  | 0.6                          | 1.1                            | 0.9                          | 1.5                            | 17.7                     | 622            |
| 14x1.0                      | 2                  | 0.6                          | 1.1                            | 0.9                          | 1.5                            | 18.3                     | 674            |
| 16x1.0                      | 2                  | 0.6                          | 1.2                            | 0.9                          | 1.6                            | 19.4                     | 749            |
| 20x1.0                      | 2                  | 0.6                          | 1.2                            | 1.25                         | 1.6                            | 21.3                     | 976            |
| 24x1.0                      | 2                  | 0.6                          | 1.3                            | 1.25                         | 1.6                            | 23.6                     | 1139           |
| 27x1.0                      | 2                  | 0.6                          | 1.3                            | 1.25                         | 1.7                            | 24.2                     | 1213           |
| 30x1.0                      | 2                  | 0.6                          | 1.3                            | 1.25                         | 1.7                            | 24.9                     | 1286           |
| 37x1.0                      | 2                  | 0.6                          | 1.4                            | 1.25                         | 1.7                            | 26.5                     | 1472           |
| 40x1.0                      | 2                  | 0.6                          | 1.4                            | 1.25                         | 1.8                            | 27.5                     | 1563           |
| 1.5mm <sup>2</sup>          |                    |                              |                                |                              |                                |                          |                |
| 2x1.5                       | 2                  | 0.6                          | 0.9                            | 0.9                          | 1.3                            | 12.2                     | 298            |
| 3x1.5                       | 2                  | 0.6                          | 1.0                            | 0.9                          | 1.4                            | 12.8                     | 341            |
| 4x1.5                       | 2                  | 0.6                          | 1.0                            | 0.9                          | 1.4                            | 13.5                     | 385            |
| 5x1.5                       | 2                  | 0.6                          | 1.0                            | 0.9                          | 1.4                            | 14.3                     | 431            |



| Conductor                   |                    | RE-2X(St)YSWAY               |                                |                              |                                |                          |                |
|-----------------------------|--------------------|------------------------------|--------------------------------|------------------------------|--------------------------------|--------------------------|----------------|
| No. of Core X Cross Section | Class of Conductor | Nominal Insulation Thickness | Nominal Inner Sheath Thickness | Nominal Armour Wire Diameter | Nominal Outer Sheath Thickness | Approx. Overall Diameter | Approx. Weight |
| mm <sup>2</sup>             |                    | mm                           | mm                             | mm                           | mm                             | mm                       | kg/km          |
| 8x1.5                       | 2                  | 0.6                          | 1.1                            | 0.9                          | 1.5                            | 16.4                     | 565            |
| 10x1.5                      | 2                  | 0.6                          | 1.2                            | 0.9                          | 1.5                            | 18.6                     | 682            |
| 12x1.5                      | 2                  | 0.6                          | 1.2                            | 0.9                          | 1.6                            | 19.2                     | 747            |
| 14x1.5                      | 2                  | 0.6                          | 1.2                            | 0.9                          | 1.6                            | 19.9                     | 814            |
| 16x1.5                      | 2                  | 0.6                          | 1.2                            | 1.25                         | 1.6                            | 21.4                     | 1010           |
| 20x1.5                      | 2                  | 0.6                          | 1.3                            | 1.25                         | 1.7                            | 23.1                     | 1172           |
| 24x1.5                      | 2                  | 0.6                          | 1.4                            | 1.25                         | 1.7                            | 25.6                     | 1371           |
| 27x1.5                      | 2                  | 0.6                          | 1.4                            | 1.25                         | 1.7                            | 26.1                     | 1452           |
| 30x1.5                      | 2                  | 0.6                          | 1.4                            | 1.25                         | 1.8                            | 27.0                     | 1558           |
| 37x1.5                      | 2                  | 0.6                          | 1.5                            | 1.25                         | 1.8                            | 28.8                     | 1794           |
| 40x1.5                      | 2                  | 0.6                          | 1.5                            | 1.25                         | 1.8                            | 29.7                     | 1893           |
| 2.5mm <sup>2</sup>          |                    |                              |                                |                              |                                |                          |                |
| 2x2.5                       | 2                  | 0.7                          | 1.0                            | 0.9                          | 1.4                            | 13.6                     | 369            |
| 3x2.5                       | 2                  | 0.7                          | 1.0                            | 0.9                          | 1.4                            | 14.1                     | 419            |
| 4x2.5                       | 2                  | 0.7                          | 1.0                            | 0.9                          | 1.4                            | 15.0                     | 479            |
| 5x2.5                       | 2                  | 0.7                          | 1.1                            | 0.9                          | 1.5                            | 16.4                     | 561            |
| 8x2.5                       | 2                  | 0.7                          | 1.2                            | 0.9                          | 1.5                            | 18.6                     | 738            |
| 10x2.5                      | 2                  | 0.7                          | 1.3                            | 1.25                         | 1.6                            | 22.1                     | 1039           |
| 12x2.5                      | 2                  | 0.7                          | 1.3                            | 1.25                         | 1.6                            | 22.7                     | 1127           |
| 14x2.5                      | 2                  | 0.7                          | 1.3                            | 1.25                         | 1.7                            | 23.8                     | 1240           |
| 16x2.5                      | 2                  | 0.7                          | 1.4                            | 1.25                         | 1.7                            | 25.0                     | 1363           |
| 20x2.5                      | 2                  | 0.7                          | 1.4                            | 1.25                         | 1.8                            | 26.7                     | 1572           |
| 24x2.5                      | 2                  | 0.7                          | 1.5                            | 1.25                         | 1.8                            | 29.8                     | 1845           |
| 27x2.5                      | 2                  | 0.7                          | 1.6                            | 1.25                         | 1.9                            | 30.7                     | 2000           |
| 30x2.5                      | 2                  | 0.7                          | 1.6                            | 1.6                          | 1.9                            | 32.3                     | 2339           |
| 37x2.5                      | 2                  | 0.7                          | 1.7                            | 1.6                          | 1.9                            | 34.5                     | 2695           |
| 40x2.5                      | 2                  | 0.7                          | 1.7                            | 1.6                          | 2.0                            | 35.7                     | 2864           |

Note: Other conductor sizes & core configurations are available upon request.