

# PERMOTRAIL 4 CORE ORANGE TRAILING CABLE

## Construction

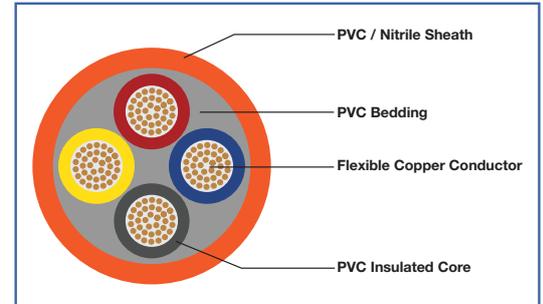
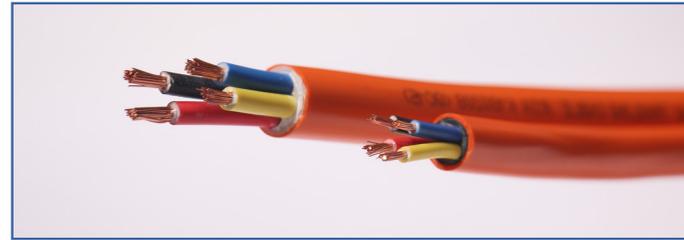
High conductivity bunched flexible copper conductors, insulated and colour coded with a general purpose flexible grade PVC. Insulated cores are twisted and bedded with PVC to give the cable a round finish. Final protection is with a tightly bonded, water, oil and abrasion resistant PVC/rubber blend nitrile sheath.

## Applications

The supply of power to all types of indoor and outdoor mobile and portable machinery in wet, oily, all weather conditions. Used on buildings and construction sites, in workshops, mines, dockyards, opencast mining operations, railways, road works and factories.

## Packaging

Available in 500 metre drum lengths. Cut lengths also available on request. This product is sequentially marked at one metre intervals for your convenience and security.



| Specification       | (SABS 1507)                       |
|---------------------|-----------------------------------|
| Voltage Rating      | 600/1000 Volts                    |
| Test Voltage        | 3000 Volts                        |
| Temperature Range   | -10° to +80°C                     |
| Bending Radius      | 8 x Diameter of cable             |
| Flexibility Class   | 5                                 |
| Conductor Type      | High conductivity annealed copper |
| Insulation Material | Flexible grade PVC                |
| Sheath Material     | PVC/Rubber Blend Nitrile          |
| Sheath Colours      | Orange                            |
| Core Colours        | Red, Yellow, Blue, Black          |



## Technical Data

| Product Code | Size mm <sup>2</sup> | Stranding No x Dia | mV Drop Amps/m |           | Cubicle Wiring Amp Ratings |           | Nominal Dia mm | Mass kg/100m |
|--------------|----------------------|--------------------|----------------|-----------|----------------------------|-----------|----------------|--------------|
|              |                      |                    | 1 ph 220V      | 3 ph 380V | 1 ph 220V                  | 3 ph 380V |                |              |
| PT01.5X4OR   | 1.5                  | 28 x 0.26          | 29             | 25        | 16                         | 15        | 10.9           | 17.38        |
| PT02.5X4OR   | 2.5                  | 44 x 0.26          | 18             | 15        | 23                         | 20        | 12.0           | 22.79        |
| PT04.0X4OR   | 4.0                  | 49 x 0.31          | 11             | 9.5       | 30                         | 27        | 14.7           | 34.80        |
| PT06.0X4OR   | 6.0                  | 74 x 0.31          | 7.3            | 6.4       | 38                         | 34        | 16.1           | 45.28        |
| PT10X4OR     | 10.0                 | 126 x 0.31         | 4.4            | 3.8       | 52                         | 46        | 19.1           | 69.80        |
| PT16X4OR     | 16.0                 | 200 x 0.31         | 2.8            | 2.4       | 69                         | 62        | 21.3           | 96.10        |
| PT25X4OR     | 25.0                 | 180 x 0.41         | 1.75           | 1.5       | 88                         | 80        | 26.3           | 147.30       |
| PT35X4OR     | 35.0                 | 252 x 0.41         | 1.25           | 1.1       | 109                        | 99        | 31.7           | 213.10       |