

# Multi-core Cable (LU approved) 8.0mm

Geosense Part No  
Type

Q10-171  
820/T/04/220/PSR/RD/8.0

## Specifications

| Conductor               |                               |
|-------------------------|-------------------------------|
| Material                | Bare Cu Wires                 |
| Conductor No            | 4                             |
| Construction            | Twisted Pair 2x2              |
| Stranding               | Stranded                      |
| Section                 | 22 AWG (0.34mm <sup>2</sup> ) |
| Insulation              |                               |
| Diameter                | 1.70mm                        |
| Material                | PE/SiL Rbr                    |
| Colour                  | Red RAL 3000                  |
| Core Identification     | Orange/White & Blue/White     |
| Shielding               |                               |
| Braid                   | TCWB                          |
| Screen                  | Ali/Mylar                     |
| Jacket                  |                               |
| Diameter                | 8.10mm                        |
| Material                | OHLS (EN50290-2-27)           |
| Colour                  | Red                           |
| Technical               |                               |
| Weight                  | 97 kg/km                      |
| Minimum Bend Radius     | 8 x diameter                  |
| Rated Temperature       | -20 to +60°C                  |
| Voltage (Test @ 100V)   | 300/500V                      |
| Conductor resistance    | 48 Ω/km                       |
| Nominal Capacitance C/C | 60 (Combined)                 |
| Nominal Capacitance C/S | 60 (Combined)                 |
| Tensile Force           | 100 N                         |
| Additional Information  |                               |
| Compliance              | ISO/IEC 11801:95              |
|                         | EN50173 95                    |
|                         | EN50288-2-1                   |
| Glass Tape              | Fibre                         |
| Drain Wire              | Stranded                      |



## Usage guide

~ London Underground approved



Specifications may change without prior notice

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