A selection of extension cable for use with RTD sensors, available with PVC, PFA or Fibreglass insulations.Suitable for use with Platinum Resistance Thermometers (Pt100, Pt130, Pt500, Pt1000) and Nickel Resistance Thermometers. Available as 2-Wire, 3-Wire, 4-Wire, 6-Wire (for duplex 3-wire) and 8-Wire (for duplex 4-wire). Colour coded cores for easy identification. Supplied with a stranded 7/0.2mm diameter tinned copper conductor as standard.

## Heat Resistant (HR) and Flame Retardant (FR) PVC Insulated (-30°C to +105°C)

Multi cores of stranded 7/0.2mm diameter conductors. Each conductor is Heat Resistant (HR) and Flame Retardant (FR) PVC insulated and sheathed (black). The cores are twisted together on both cable types. Available with or without a tinned copper wire braid screen. Temperature rated -30°C to +105°C.

HR/FR PVC Insulated

HR/FR PVC Insulated, Screened

| cable type | screen | no. of cores | dimensions(approximate) | core colours |
|---|---|---|---|---|
| Pt100/Pt1000 Cable HR/FR PVC Insulated (-30°C to +105°C) | None | 2 | 3.5mm | 1 x Red, 1 x White |
| | | 3 | 3.5mm | 2 x Red, 1 x White |
| | | 4 | 4.0mm | 2 x Red, 2 x White |
| Pt100/Pt1000 Cable HR/FR PVC Insulated, Screened (-30°C to +105°C) | Tinned copper wire braid | 3 | 4.0mm | 2 x Red, 1 x White |
| | | 4 | 4.5mm | 2 x Red, 2 x White |
| | | 6 | 4.0mm | 4 x Red, 2 x White |

## PFA Insulated (-75°C to +260°C)

Multi cores of stranded 7/0.2mm diameter conductors. Each conductor is extruded PFA insulated and sheathed (black). The cores are twisted together on both cable types. Available with or without a tinned copper wire braid screen. Temperature rated -75°C to +260°C.

PFA Insulated

PFA Insulated, Screened

| cable type | screen | no. of cores | dimensions(approximate) | core colours |
|---|---|---|---|---|
| Pt100/Pt1000 Cable PFA Insulated (-75°C to +260°C) | None | 2 | 2.3mm | 1 x Red, 1 x White |
| | | 3 | 2.5mm | 2 x Red, 1 x White |
| | | 4 | 2.5mm | 2 x Red, 2 x White |
| | | 6 | 3.0mm | 4 x Red, 2 x White |
| Pt100/Pt1000 Cable PFA Insulated, Screened | Tinned copper | 3 | 3.0mm | 2 x Red, 1 x White |

| (-75°C to +260°C) | wire braid | 4 | 3.5mm | 2 x Red, 2 x White |
|---|---|---|---|---|
| | | 6 | 4.0mm | 4 x Red, 2 x White |
| | | 8 | 4.5mm | 4 x Red, 4 x White |

## Fibreglass Insulated (up to +400°C)

Multi cores of stranded 7/0.2mm diameter conductors. Each conductor is double glass fibre lapped and silicone varnished. The cores are twisted, glass fibre braided and silicone varnished. Stainless steel wire braided overall. Temperature rated up to +400°C.

Fibreglass Insulated



| cable type | screen | no. of cores | dimensions(approximate) | core colours |
|---|---|---|---|---|
| Pt100/Pt1000 Cable Fibreglass Insulated (up to +400°C) | Stainless steel wire | 2 | 2.3mm | 1 x Red, 1 x White |
| | | 3 | 2.5mm | 2 x Red, 1 x White |
| | | 4 | 3.0mm | 2 x Red, 2 x White |