



These flexible cables have a high temperature PVC sheath and a tinned copper wire braid to protect from electrical interference.

Extension cables for use with resistance temperature detector (RTD) sensors. Suitable for use with PT100 & PT1000 platinum resistance thermometers (PRT).

**Construction**

- stranded tinned copper conductors
- polyvinylchloride (PVC) core insulation
- overall polyester tape wrap & tinned copper wire braid (TCWB) screen
- black high temperature PVC sheath

**Technical**

conductor stranding:	7x 0.2mm diameter (0.22mm <sup>2</sup> area)
overall diameter:	4.5mm
overall weight	33kg/km
bend radius:	7.5 x overall diameter (O/D) fixed
temperature range:	-10°C to +105°C operating
core identification:	coloured 2x red & 2x white

**Alternative Constructions**

(may be available on request)

screening options:	unscreened
	silver plated copper wire braid screen (SPCW)
sheathing materials:	silicone rubber -50°C to +200°C
	perfluoroalkoxy (PFA) -75°C to +250°C
	polytetrafluoroethylene (PTFE) -75°C to +260°C
	fibreglass braid -75°C to +480°C
number of cores:	2 core, 3 core, 6 core, 8 core

**PVC properties:** fairly tough & flexible material with fair abrasive resistance, good resistance to water, aqueous salt solutions, acids and alkalis, moderate/poor resistance against organic solvents and oils. Oil resistant PVC (polyvinylchloride) is commonly available.

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