

PT Pt100/Pt1000 Cable For Platinum Resistance Thermometers

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

example order code	
Code / Conductor	Length
PT4320	- 100mtr

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	order code
Pt100/Pt1000 Cable HR/FR PVC Insulated (-30°C to +105°C)	None	2	3.5mm	1 x Red, 1 x White	PT2220
		3	3.5mm	2 x Red, 1 x White	PT2320
		4	4.0mm	2 x Red, 2 x White	PT2420
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	PT1320
		4	4.5mm	2 x Red, 2 x White	PT1420
		6	5.0mm	4 x Red, 2 x White	PT1620

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	order code
Pt100/Pt1000 Cable PFA Insulated (-75°C to +260°C)	None	2	2.3mm	1 x Red, 1 x White	PT4220
		3	2.5mm	2 x Red, 1 x White	PT4320
		4	2.5mm	2 x Red, 2 x White	PT4420
		6	3.0mm	4 x Red, 2 x White	PT4620
Pt100/Pt1000 Cable PFA Insulated, Screened (-75°C to +260°C)	Tinned copper wire braid	3	3.0mm	2 x Red, 1 x White	PT5320
		4	3.5mm	2 x Red, 2 x White	PT5420
		6	4.0mm	4 x Red, 2 x White	PT5620
		8	4.5mm	4 x Red, 4 x White	PT5820

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	order code
Pt100/Pt1000 Cable Fibreglass Insulated (up to +400°C)	Stainless steel wire	2	2.3mm	1 x Red, 1 x White	PT8220
		3	2.5mm	2 x Red, 1 x White	PT8320
		4	3.0mm	2 x Red, 2 x White	PT8420

