



ENGLISH

Datasheet

RS PRO Industrial Cable

50m

Stock No: **236-9223**

Part No:	16-2-12C
Description:	12 core 0.5mm ² unscreened PVC insulated and sheathed industrial cable.
Applicable Standard:	Defence Standard 61-12 Part 5.
Conductor:	16/0.2mm tinned copper (nominal construction).
Insulation:	PVC, 0.45mm nominal thickness to 1.83mm nominal diameter.
Core colours:	Red, Blue, Green, Yellow, White, Black, Brown, Violet, Orange,
Lay-up:	Pink, Turquoise, Grey
Sheath:	Cores twisted together with overall polyester tape.
Voltage Rating:	PVC, 0.90m nominal thickness to 7.4mm nominal diameter.
Conductor Resistance:	440V at frequencies up to 1.6KHz.
Insulation Resistance:	40.1Ω/km max at 20°C.
Temp range:	11MΩ.km min at 20°C.
Current Rating:	-15°C to +85°C.

Current carrying capacities for multi-core cables are not given owing to the varied conditions of loading and construction. However, for guidance, where a single core of a multi-core cable is loaded, the current in a 16/0.2 mm conductor should not exceed 2.5 Amps.