



ENGLISH

Datasheet

RS PRO 18 Core Unscreened Industrial Cable 100m

Stock No: **236-9225**

Part No:	16-2-18A
Description:	18 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, Pink, Turquoise, Grey, Red/blue, Green/red, Yellow/red, White/red, Red/black, Red/brown.
Lay-up:	Cores twisted together with overall polyester tape.
Sheath:	PVC, 0.90mm nominal thickness to 11.0mm nominal diameter.
Voltage Rating:	440V at frequencies up to 1.6KHz.
Conductor Resistance:	40.1Ω/km max at 20°C.
Insulation Resistance:	11MΩ.km min at 20°C.
Temp range:	-15°C to +85°C.
Current Rating:	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.