



ENGLISH

Datasheet

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# RS Pro 14 Way Unscreened Flat Ribbon Cable, 17.8 mm Width, 5m



## Product Details

### IDC Ribbon Cables

Suitable for use with all commonly available IDC connectors. Consists of parallel stranded tinned copper wire conductors laminated between layers of grey PVC film to form a flat ribbon cable suitable for use with Speedbloc® insulation displacement connectors. Pitch between conductors 0.05in/1.27 mm. One edge has a red marker to indicate the first conductor. May be split into any number of ways by tearing between conductors. The laminate ensures precise alignment and spacing between conductors, essential during assembly with the connectors. Each conductor is formed from 7 strands of 36 awg (0.13 mm diameter.), 28 awg overall (0.08 mm<sup>2</sup>). UL recognised style 2651.

### Standard

#### Ribbon Cable Information

Ribbon cables provide a simple, quick and cost-effective solution to mass termination. They also have space and weight saving advantages over other wiring methods and are ideal for use on computers, peripherals, and interface units, audio and digital equipment.

## Specifications

Number of Ways	14
Pitch	1.27mm
American Wire Gauge	28
Reel Length	5m
Width	17.8 mm
Cable Shape	Ribbon
Sheath Colour	Grey
Voltage Rating	300 V
Screened/Unscreened	Unscreened
Conductor Strand Type	Stranded
Number of Strands	7
Minimum Operating Temperature	-20°C
Maximum Operating Temperature	+105°C
Core Strands	7/0.13 mm
Size of Strands	0.13 mm
Capacitance	49.2 pF/m
Characteristic Impedance	105 $\Omega$