



ENGLISH

Datasheet

Stock No: 360-194

# RS Pro 40 Way Unscreened Flat Ribbon Cable, 50.8 mm Width, 30m



## 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.

**i Warning**

These cables are not to be regarded as power cables or cables for the direct connection of equipment to mains power supplies.

## Specifications

Number of Ways	40
Pitch	1.27mm
American Wire Gauge	28
Reel Length	30m
Width	50.8 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
Capacitance	49.2 pF/m
Core Strands	7/0.13 mm
Characteristic Impedance	105 Ω
Size of Strands	0.13 mm