



ENGLISH

Datasheet

Stock No: 289-9975

# RS Pro 40 Way Unscreened Flat Ribbon Cable, 50.8 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.

### Warning

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



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## Specifications:

|                               |              |
|-------------------------------|--------------|
| Number of Ways                | 40           |
| Pitch                         | 1.27mm       |
| American Wire Gauge           | 28           |
| Reel Length                   | 5m           |
| 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       |
| Characteristic Impedance      | 105 $\Omega$ |
| Size of Strands               | 0.13 mm      |
| Capacitance                   | 49.2 pF/m    |
| Core Strands                  | 7/0.13 mm    |