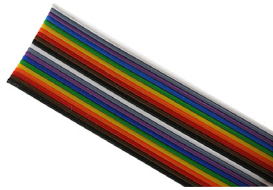


# Flat Ribbon Cable

pro-POWER



## Applications

Internal wiring of appliances and electronic equipment

**RoHS  
Compliant**

## Standard

UL758 UL1581 C22.2

## Electrical Characteristics

|                    |                       |
|--------------------|-----------------------|
| Rated Voltage      | : 300V                |
| Voltage-Withstand  | : 2500V/1 Minute      |
| Cond. Resistance   | : 93.2Ω/km 20°C Max.  |
| Insu. Resistance   | : 0.75MΩ/km 20°C Min. |
| Temperature Rating | : -20°C to +105°C     |

## Physical Properties

|                         |                         |
|-------------------------|-------------------------|
| Tensile Strength Unaged | : 1500PSI Min           |
| Tensile Strength Aged   | : Residual Rate/75% Min |
| Elongation Unaged       | : 100% Min              |
| Elongation Aged         | : Residual Rate/65% Min |

## Construction

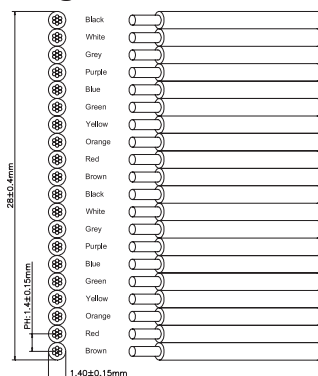
### Conductor

|              |                           |
|--------------|---------------------------|
| No. of Cores | : 20                      |
| Size         | : 24 AWG                  |
| Construction | : 7/0.2 ±0.005mm          |
| Material     | : Tinned Copper Conductor |
| Diameter     | : 0.61mm ±0.05mm          |

### Insulation

|                   |   |
|-------------------|---|
| Material          | : 105°C PVC   |
| Thickness         | : 0.33mm (Min.)   |
| Average Thickness | : 0.38mm  |
| Pitch             | : 1.4 ±0.15mm   |
| Diameter          | : 1.4 ±0.15mm   |
| Colour            | : Brown, Red, Orange, Yellow, Green, Blue, Purple, Grey, White, Black, Brown, Red, Orange, Yellow, Green, Blue, Purple, Grey, White and Black |

## Diagram



Dimensions : Millimetres

## Part Number Table

| Description  | Part Number |
|--|-------------|
| Flat Ribbon Cable 24 AWG(7/0.20TS)<br>20 Core, 25m | PP001506    |

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