

Colour Coded Ribbon Cables



2.54 mm Fixed Pitch Extruded



Features:

- Tinned copper conductors in coloured extruded flexible PVC sheath
- Ideal for interconnections involving repeated or continuous flexing

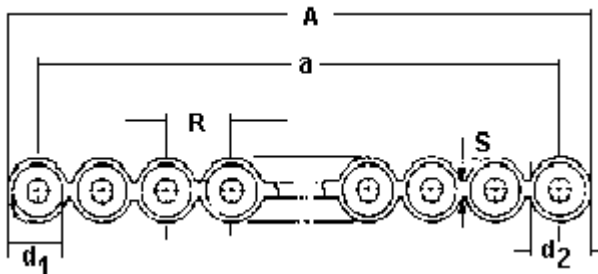
Applications:

- Data and signal control, electrical appliances, audio visual and equipment wiring

Specifications:

Conductors	: 7/0.203 24 AWG
Voltage Rating	: 500 V
Test Voltage	: 2,000 V / 50 Hz
Operating Temperature	: 70°C
Nominal Current Rating	: 1.4 A
PVC Radial Thickness	: 0.3 mm
Nominal Conductor Area	: 0.22 mm ²
Nominal Resistance	: Maximum 87.2 Ω / km at 20°C
Insulation Resistance	: Minimum 20 MΩ / km at 20°C
Colours Code Sequence	: Brown, Red, Orange, Yellow, Green, Blue, Violet, Grey, White and Black

Dimensions



a - Nominal span	$a = (n-1) \times 2.54 \text{ mm}$
A - Overall width	$A = (n-1) \times 2.54 + d$
R - Conductor spacing	$R = 2.54 \pm 0.1 \text{ mm}$
S - Nominal thickness	$S = 0.35 \pm 0.05 \text{ mm}$

AWG	Conductor Size (mm ²)	Number of Conductors (n)	Spacing (R)	Diameter (d ₁)	Outside Diameter (d ₂)
24	0.23	4 to 10	2.54	1.3	1.7

Dimensions : Millimetres (Unless Specified)

Specification Table

Number of Conductors	Cable Size	Length (m)	Part Number
4	1.7/9.32	50 Reel	05B91504
6	1.7/14.4		05B91506
8	1.7/19.48		05B91508
10	1.7/24.56		05B91510
4	1.7/9.32	Continuous Length in 5 m Multiples*	05006684
6	1.7/14.4		USE 150428 (MTR)
8	1.7/19.48		USE 150429 (50 MTR)
10	1.7/24.56		05B91510

* Cut lengths must be ordered in 5 m multiples example 5 m, 10 m, and 15 m

Dimensions : Millimetres (Unless Specified)

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