

# FBLA Series

## Edge-Bonded Ribbon Cable

pro-POWER



### Features:

- Colour coded PVC insulated 7/0.2mm (0.23mm<sup>2</sup>) or 16/0.2mm (0.5mm<sup>2</sup>) tinned copper conductors.
- Edge bonded to form a neat and convenient ribbon cable which can be easily separated for discrete wiring.
- Available in 10, 20 or 30 way versions.

### Construction

Characteristics	Flat Cable FBLA 10 & 20 Conductors 24 AWG	Flat Cable FBLA 10 & 20 Conductors 20 AWG
Bonding	10 & 20 Cores × 0.23mm <sup>2</sup>	10 & 20 Cores × 0.52mm <sup>2</sup>
Conductor Stranded Copper Wire	7 × 0.203mm =>0.23mm <sup>2</sup> , AWG 24 tin-plated	16 × 0.203mm =>0.52mm <sup>2</sup> , AWG 20 tin-plated
PVC Insulation	1.42mm ±0.1mm	1.8mm ±0.1mm
PVC Colours as per MIL681	Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Grey and White	
Shore hardness	90A ±3A	

### Technical Data

Test voltage	>1.5kV at 50Hz eff. for 1minute	
Insulation Resistance min.	20MΩ × km at 20°C	
Conductor Resistance max.	85Ω/km at 20°C	40.1Ω/km at 20 °C
Operating Voltage max.	300V	
Temperature Rating	Static: -20°C to +80°C Operating: -10°C to +80°C	
Bend Radius	1 time 5 × dia. Repeated 10 × dia.	
Flame retardant according to DIN VDE 0482 part 332-1-2 / IEC 60332-1-2		

### Part Number Table

Description	Conductor Size	Number of Ways	Reel Length (m)	Part Number
FBLA Series Edge-Bonded Ribbon Cable	7/0.2	10	10	FBLA10-24-10
			25	FBLA10-24-25
			50	FBLA10-24-50

Dimensions : Millimetres

www.element14.com  
www.farnell.com  
www.newark.com  
www.cpc.co.uk

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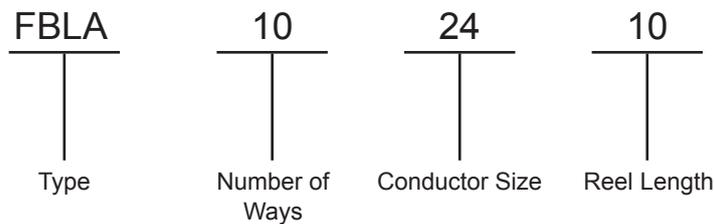
## Edge-Bonded Ribbon Cable



Description	Conductor Size	Number of Ways	Reel Length (m)	Part Number
FBLA Series Edge-Bonded Ribbon Cable	7/0.2	20	10	FBLA20-24-10
			25	FBLA20-24-25
			50	FBLA20-24-50
		30	10	FBLA30-24-10
	16/0.2	10	25	FBLA10-20-25
			25	FBLA20-20-25
		20	50	FBLA20-20-50

Dimensions : Millimetres

### Part Number Explanation:



Number of Ways : 10, 20 and 30.

Conductor size : 24 AWG = 7/0.2 and 20 AWG = 16/0.2mm.

Reel Length : 10, 25 and 50m.

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