FBLA Series
Edge-Bonded Ribbon Cable

pro-POWER

Features:

- Colour coded PVC insulated 7/0.2mm (0.23mm^2) or 16/0.2mm (0.5mm^2) 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^2	10 & 20 Cores × 0.52mm^2
Conductor Stranded Copper Wire	7 × 0.203mm =>0.23mm^2, AWG 24 tin-plated	16 × 0.203mm =>0.52mm^2, 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

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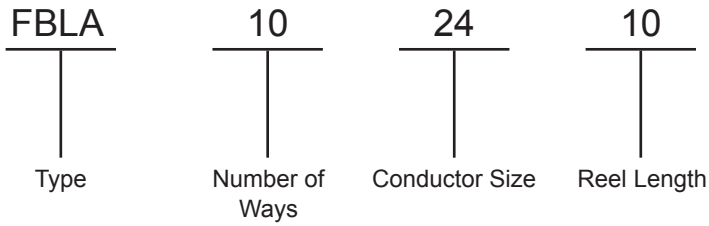
Description	Conductor Size	Number of Ways	Reel Length (m)	Part Number
FBLA Series Edge-Bonded Ribbon Cable	7/0.2	20	10	FBLA20-24-10
			25	FBLA20-24-25
			50	FBLA20-24-50
		30	10	FBLA30-24-10
	16/0.2	10	25	FBLA10-20-25
		20	25	FBLA20-20-25
			50	FBLA20-20-50

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.