

# 6243B

## OHLS® Flat Wiring Cable with Bare CPC. BS 7211. 300/500 V



Draka 6243B is a flat triple core Zero Halogen,Low Smoke (OHLS®) cable designed for installation as clipped direct, on tray or in basket and also buried within plaster or embedded in walls Three cores with bare CPC

## **KEY APPLICATIONS**

Suitable for fixed installation in dry or damp premises on walls, boards or trays, in channels or embedded in plaster particularly for situations in which low emission smoke and acid gas is required in case of burning

### FEATURES AND BENEFITS

- Zero Halogen, Low Smoke (OHLS®)
- Manufactured under ISO 9001 Quality management systems

## **STANDARDS**



BS 7211 BS EN 60332-1-2 BS EN 61034-2 BS EN 60754-1

#### CONSTRUCTION

Conductor material Conductor surface Core insulation material Material outer sheath Cable shape Construction Standard Flame Propagation - Single Cable Smoke emission Corrosive and acid gas

Copper Bare XLPE Low smoke zero halogen Flat



## **APPLICATIONS PROPERTIES**

Nominal voltage U0 [V]	300		
Nominal voltage U [V]	500		
Flame retardant	In accordance with BS EN 60332-1-2		
Halogen free	Yes		
Low smoke	Yes		
Max. conductor temperature [°C]	90		
Min. Operation temperature [°C]	-25		
UV resistant	Yes		
Min. Installation temperature [°C]	0		
Max. Installation temperature [°C]	80		
Bending radius (rule)	4D (Minor axis)		

## COLOURS

Insulation: Brown, Black, Grey Sheath:White

### **CURRENT RATINGS**

Refer to table 4E2 of BS 7671 Requirements for Electrical Installations. IET Wiring Regulations

Note: Where a conductor operates at a temperature exceeding 70°C it shall be ascertained that the equipment connected to the conductor is suitable for the conductor operating temperature

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# TECHNICAL DATA

Number of cores	Nominal cross section conductor [mm <sup>2</sup> ]	Conductor category	Nominal cross section of protective conductor [mm <sup>2</sup> ]	Cable height approx. [mm]	Cable width approx. [mm]	Cable weight [kg/km]	Conductor resistance at 20° C [Ohm/km]
3	1.5	Class 1 = solid	1	4.7	11.4	99	12.1
3	2.5	Class 1 = solid	1.5	5.3	12.9	150	7.41