

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	Construction Standard
BS EN 60332-1-2	Flame Propagation - Single Cable
BS EN 61034-2	Smoke emission
BS EN 60754-1	Corrosive and acid gas

CONSTRUCTION

Conductor material	Copper
Conductor surface	Bare
Core insulation material	XLPE
Material outer sheath	Low smoke zero halogen
Cable shape	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

TECHNICAL DATA

Number of cores	Nominal cross section conductor [mm²]	Conductor category	Nominal cross section of protective conductor [mm²]	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