

TECHNICAL DATA SHEET

PRO-ELEC

RoHS
Compliant

694xB MULTICORE SINGLE WIRE ARMoured CABLE

**MODELS:
PELB1029-PELB1050**

APPLICATION

Multicore LSZH cable with steel wire armour (SWA). Power and auxiliary fixed wiring cables for use in power networks, underground, outdoor and indoor applications and for use in cable ducting. For installation where fire, smoke emission and toxic fumes create a potential threat to life and equipment.



STANDARDS

BS 6724 IEC 60502-1

Flame retardant: BS EN 60332-1-2, BS EN 60332-3-24 Cat C

Smoke density: BS EN 61034-2

Halogen emission: BS EN 60754-2

CHARACTERISTICS

Voltage Rating

600V/1kV

Temperature Rating

-20°C to +90°C

Minimum Bending Radius

6x overall diameter

CONSTRUCTION

Conductors

Class 2 stranded copper

Insulation

XLPE (Cross-Linked Polyethylene)

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Bedding

LSZH (Low Smoke Zero Halogen)

Armour

SWA (Steel Wire Armour)

Jacket

LSZH (Low Smoke Zero Halogen)

Jacket Colour

Black

Core Identification

3-core	Brown	Black	Grey	
4-core	Brown	Black	Grey	Blue

DIMENSIONS

No. of Cores	Nominal CSA	Overall Dia.	Length	Model
3	1.50mm ²	12.60mm	10m	PELB1029
			25m	PELB1030
			50m	PELB1031
			100m	PELB1032
	2.50mm ²	14.00mm	10m	PELB1033
			25m	PELB1034
			50m	PELB1035
			100m	PELB1036
	4.00mm ²	15.30mm	10m	PELB1037
			25m	PELB1038
			50m	PELB1039
			10m	PELB1040
6.00mm ²	16.60mm	25m	PELB1041	
		50m	PELB1042	
		10m	PELB1043	
		25m	PELB1044	
4	1.50mm ²	13.00mm	50m	PELB1045
			10m	PELB1046
			2.50mm ²	15.00mm

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No. of Cores	Nominal CSA	Overall Dia.	Length	Model
4	2.50mm ²	15.00mm	25m	PELB1047
			50m	PELB1048
	4.00mm ²	16.00mm	25m	PELB1049
	6.00mm ²	18.00mm	25m	PELB1050

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