

Multi Core SWA PVC Cable Range

Steel Wire Armoured Multi-Core Cables

(Complies with BS 5467:2016)

Class 2 Stranded Copper/ XLPE Insulation / PVC Bedding Layer
/ Galvanized Steel Wire Armour Wires / PVC Sheath



Application

Designed for industrial wiring, mains power distribution and associated fixed wiring applications. Suitable for direct burial, installed in ducts or clipped to surface. Indoor and outdoor applications.

Cable Description

Class 2 stranded copper conductor,
Cross linked polyethylene (XLPE) insulation,
PVC bedding layer
Galvanized Steel Wire Armour,
PVC outer sheath.



Insulation Colours

2 Core - Blue, Brown,

3 Core - Brown, Black, Grey

4 Core - Blue, Brown, Black, Grey

Sheath Colour

Black

Third party Accreditation



Cables are tested and approved by
BASEC (British Approvals Service for Cables)

Physical characteristics

No of Cores	Conductor Class	Nominal Cross-Sectional Area (mm ²)	Nominal Insulation Thickness (mm)	Nominal Diameter Under Armour (mm)	Nominal Overall Diameter (mm)	Maximum Conductor Resistance at 20°C (ohms/km)	Approx. Weight of Cable (kg/km)
2	2	1.50	0.60	7.30	12.10	12.10	302
2	2	2.50	0.70	8.50	13.60	7.41	346
2	2	4.00	0.70	9.40	14.70	4.61	410
2	2	6.00	0.70	10.5	15.90	3.08	499
2	2	10.0	0.70	12.3	18.00	1.83	648
2	2	16.0	0.70	14.3	20.40	1.15	978
3	2	1.50	0.60	7.80	12.60	12.10	330
3	2	2.50	0.70	9.20	14.10	7.41	390
3	2	4.00	0.70	10.0	15.30	4.61	464

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3	2	6.00	0.70	11.2	16.60	3.08	568
3	2	10.0	0.70	13.1	19.50	1.83	866
3	2	16.0	0.70	15.3	21.60	1.15	1152
4	2	1.50	0.60	8.50	13.50	12.10	365
4	2	2.50	0.70	9.90	15.00	7.41	438
4	2	4.00	0.70	11.0	16.40	4.61	532
4	2	6.00	0.70	12.3	18.70	3.08	764
4	2	10.0	0.70	14.5	21.10	1.83	1013
4	2	16.0	0.70	17.0	23.40	1.15	1360

Mechanical characteristics

Characteristic	Unit	Value
Operating Temperature Range	°C	-20 / +90
Minimum Bend Radius	Diameter	6D

Electrical characteristics at 20°C

Characteristic	Unit	Value
Voltage Rating Uo/U	V	0.6/1kV
Current Rating Table	-	4E4A & 4E4B (BS7671)

Notes