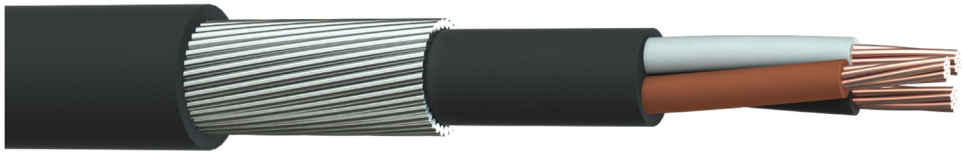
BS 5467 Amoured PVC Power Cable
Technical Datasheet

Description: Multicore low voltage power and control cable that features cross linked insulation, heavy galvanised steel wire armour and black UV stable water resistant PVC jacket. Suitable for internal/external application and in direct burial



CONSTRUCTION PRODUCTS REGULATION
BS EN 50575
CLASS Eca
INDEPENDENTLY VERIFIED

Construction

Conductor Material	: Bare Copper, Class 5
Insulation Material	: Cross Linked Polyethylene (XLPE)
Bedding Material	: Polyvinylchloride (PVC)
Armour	: Galvanised Steel Wire Armour (SWA)
Sheath Material	: Polyvinylchloride (PVC)
Sheath Colour	: Black
Core Identification	: 2core – Brown, Blue 3core – Brown, Black, Grey
	: 4core – Brown, Blue, Black, Grey
	: 5core & Above – White Cores with Black Numbers

Electrical Characteristics

Conductor Resistance	: BS EN 60228
Working Voltage	: 0.6/1kV

Physical Characteristics

Overall Diameter	: See Table
Min. Bend Radius	: 6 x OD
Temperature Rating	: -15°C to +90°C

Standards

Manufactured to	: BS 5467
RoHS3 Compliant	: Yes
Flame Retardant	: BS EN 60332-1-2
CE Compliant	: LVD (2014/35/EU), CPR (305/2011)
CPR Classification	: Eca (EN50575:2014+A1:2016)

Part No.	Cores x mm²	O/D mm	Weight kg/km
54600102-E00	2 x 1.5	11.5	320
54600103-E00	3 x 1.5	12.0	300
54600104-E00	4 x 1.5	12.9	400
54600105-E00	5 x 1.5	14.9	400
54600107-E00	7 x 1.5	15.8	500
54600112-E00	12 x 1.5	20.0	820
54600119-E00	19 x 1.5	22.6	1080
54600127-E00	27 x 1.5	27.3	1850
54600137-E00	37 x 1.5	29.9	1850
54600148-E00	48 x 1.5	33.5	2900
54600202-E00	2 x 2.5	12.9	365
54600203-E00	3 x 2.5	13.0	350
54600204-E00	4 x 2.5	14.4	470
54600205-E00	5 x 2.5	16.5	490
54600207-E00	7 x 2.5	17.6	730
54600212-E00	12 x 2.5	20.1	840
54600219-E00	19 x 2.5	27.0	1530
54600227-E00	27 x 2.5	31.3	1960
54600237-E00	37 x 2.5	34.3	2440
54600402-E00	2 x 4	14.4	440

Part No.	Cores x mm²	O/D mm	Weight Kg/km
54600403-E00	3 x 4	15.0	450
54600404-E00	4 x 4	15.7	580
54600405-E00	5 x 4	18.9	715
54600407-E00	7 x 4	20.1	840
54600412-E00	12 x 4	26.1	1390
54600419-E00	19 x 4	29.7	1850
54600427-E00	27 x 4	34.8	2420
54600437-E00	37 x 4	39.6	3320
54600602-E00	2 x 6	15.6	470
54600603-E00	3 x 6	16.0	550
54600604-E00	4 x 6	17.9	810
54600605-E00	5 x 6	20.4	900
54601002-E00	2 x 10	16.8	810
54601003-E00	3 x 10	18.0	800
54601004-E00	4 x 10	19.7	1080
54601005-E00	5 x 10	23.2	1200
54601602-E00	2 x 16	19.6	1025
54601603-E00	3 x 16	21.0	1100
54601604-E00	4 x 16	22.4	1450
54601605-E00	5 x 16	27.3	1650

Part No.	Cores x mm²	O/D mm	Weight Kg/km
54602502-E00	2 x 25	20.9	1000
54602503-E00	3 x 25	26.0	1700
54602504-E00	4 x 25	27.3	2060
54602505-E00	5 x 25	30.0	2200
54603502-E00	2 x 35	23.0	1400
54603503-E00	3 x 35	28.0	2100
54603504-E00	4 x 35	30.2	2550
54603505-E00	5 x 35	32.9	2700
54605002-E00	2 x 50	25.3	1750
54605003-E00	3 x 50	30.0	2400
54605004-E00	4 x 50	32.2	2875
54605005-E00	5 x 50	37.5	3700
54607002-E00	2 x 70	28.5	2300
54607003-E00	3 x 70	34.0	3100
54607004-E00	4 x 70	38.0	4250
54607005-E00	5 x 70	42.3	5050
54609502-E00	2 x 95	32.3	3100
54609503-E00	3 x 95	36.0	4100
54609504-E00	4 x 95	41.7	5475
54609505-E00	5 x 95	51.0	7500

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