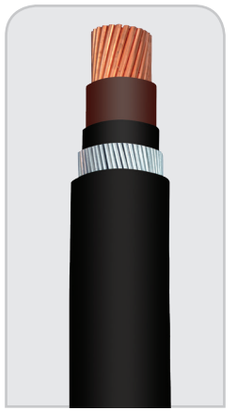
3.6.1
Single Core PVC Insulated and PVC Sheathed Armoured - Circular Conductor

Application: Use in fixed installations in industrial areas, buildings and similar applications.



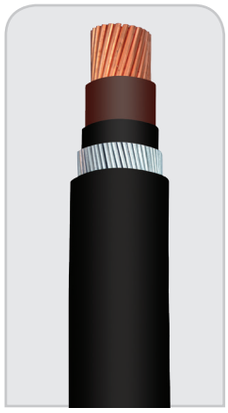
Specifications

Type		: Cu/PVC/AWA/PVC
Standard		: BS 6346
Nominal Voltage		: 600/1000V
Conductor		: Class 2 Annealed Copper Wires
Insulation	Material	: PVC TI 1
	Colour	: Refer last page - “CABLE CORE COLOURS”
Sheathing	Material	: PVC TM 1
	Colour	: Black

Nominal Cross Sectional Area	No. & Dia. of wires	Nominal Insulation Thickness	Nominal Bedding Thickness	Nominal Al Armour Wire Diameter	Nominal Sheathing Thickness	Approx. Overall Diameter	Max. d.c. Resistance at 20 °C	Approx. Weight
mm^2	x/mm	mm	mm	mm	mm	mm	Ω/km	kg/km
50	19/1.78	1.4	0.8	1.25	1.5	19.1	0.387	797
70	19/2.14	1.4	0.8	1.25	1.6	21.1	0.268	1050
95	19/2.52	1.6	0.8	1.25	1.6	23.4	0.193	1368
120	37/2.03	1.6	1.0	1.6	1.7	26.3	0.153	1727
150	37/2.25	1.8	1.0	1.6	1.7	28.3	0.124	2055
185	37/2.52	2.0	1.0	1.6	1.8	30.8	0.0991	2505
240	61/2.25	2.2	1.0	1.6	1.9	34.1	0.0754	3167
300	61/2.52	2.4	1.0	1.6	1.9	37.0	0.0601	3854
400	61/2.85	2.6	1.2	2.0	2.1	42.0	0.0470	4959
500	61/3.20	2.8	1.2	2.0	2.1	45.6	0.0366	6065
630	91/2.98	2.8	1.2	2.0	2.2	49.7	0.0283	7582
800	91/3.35	2.8	1.4	2.5	2.4	55.8	0.0221	9569
1000	91/3.74	3.0	1.4	2.5	2.5	61.0	0.0176	11678

3.6.2
Single Core XLPE Insulated and PVC Sheathed Armoured - Circular Conductor

Application: Use in fixed installations in industrial areas, buildings and similar applications.



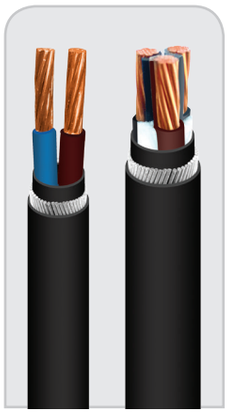
Specifications

Type		: Cu/XLPE/AWA/PVC
Standard		: BS 5467
Nominal Voltage		: 600/1000V
Conductor		: Class 2 Annealed Copper Wires
Insulation	Material	: XLPE
	Colour	: Refer last page - “CABLE CORE COLOURS”
Sheathing	Material	: PVC Type 9
	Colour	: Black

Nominal Cross Sectional Area	No. & Dia. Of wires	Nominal Insulation Thickness	Nominal Bedding Thickness	Nominal Al Armour Wire Diameter	Nominal Sheathing Thickness	Approx. Overall Diameter	Max. d.c. Resistance at 20 ^{0}C	Approx. Weight
mm^2	x/mm	mm	mm	mm	mm	mm	Ω/km	kg/km
50	19/1.78	1.0	0.8	0.9	1.5	17.5	0.387	702
70	19/2.14	1.1	0.8	1.25	1.5	20.2	0.268	981
95	19/2.52	1.1	0.8	1.25	1.6	22.3	0.193	1278
120	37/2.03	1.2	0.8	1.25	1.6	24.2	0.153	1548
150	37/2.25	1.4	1.0	1.6	1.7	27.4	0.124	1950
185	37/2.52	1.6	1.0	1.6	1.8	30.0	0.0991	2381
240	61/2.25	1.7	1.0	1.6	1.8	32.8	0.0754	2993
300	61/2.52	1.8	1.0	1.6	1.9	35.6	0.0601	3658
400	61/2.85	2.0	1.2	2.0	2.0	40.5	0.0470	4705
500	61/3.20	2.2	1.2	2.0	2.1	44.2	0.0366	5793
630	91/2.98	2.4	1.2	2.0	2.2	48.8	0.0283	7310
800	91/3.35	2.6	1.4	2.5	2.4	55.4	0.0221	9299
1000	91/3.74	2.8	1.4	2.5	2.5	60.6	0.0176	11359

3.7.1
Two & Three Core PVC Insulated and PVC Sheathed Armoured - Circular Conductor

Application: Use in fixed installations in industrial areas, buildings and similar applications.



Specifications

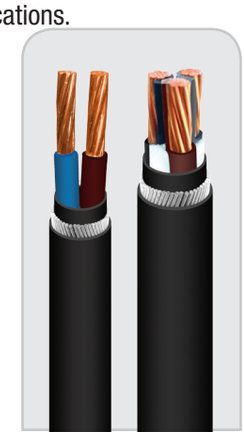
Type		: Cu/PVC/SWA/PVC
Standard		: BS 6346
Nominal Voltage		: 600/1000V
Conductor		: Class 2 Annealed Copper Wires
Insulation	Material	: PVC TI 1
	Colour	: Refer last page - “CABLE CORE COLOURS”
Sheathing	Material	: PVC TM 1
	Colour	: Black

Nominal Cross Sectional Area	Nominal Insulation Thickness	Nominal Bedding Thickness	Nominal Steel Armour Wire Diameter	Nominal Sheathing Thickness	Approx. Overall Diameter	Max. d.c. Resistance at 20 ^{0}C	Approx. Weight
mm^2	mm	mm	mm	mm	mm	Ω/km	kg/km
Two Core							
2 x 1.5	0.6	0.8	0.9	1.4	12.3	12.1	279
2 x 2.5	0.7	0.8	0.9	1.4	13.6	7.41	335
2 x 4	0.8	0.8	0.9	1.4	15.1	4.61	411
2 x 6	0.8	0.8	0.9	1.5	16.5	3.08	491
2 x 10	1.0	0.8	1.25	1.6	20.1	1.83	778
2 x 16	1.0	0.8	1.25	1.6	21.9	1.15	970
2 x 25	1.2	1.0	1.6	1.7	26.7	0.727	1488
2 x 35	1.2	1.0	1.6	1.8	29.2	0.524	1803
Three Core							
3 x 1.5	0.6	0.8	0.9	1.4	12.8	12.1	284
3 x 2.5	0.7	0.8	0.9	1.4	14.1	7.41	352
3 x 4	0.8	0.8	0.9	1.4	15.8	4.61	446
3 x 6	0.8	0.8	1.25	1.5	18.0	3.08	721
3 x 10	1.0	0.8	1.25	1.6	21.2	1.83	987
3 x 16	1.0	0.8	1.25	1.6	23.1	1.15	1259
3 x 25	1.2	1.0	1.6	1.7	28.2	0.727	2160
3 x 35	1.2	1.0	1.6	1.8	30.8	0.524	2630

3. Industrial - Copper

3.7.2
Two & Three Core XLPE Insulated and PVC Sheathed Armoured - Circular Conductor

Application: Use in fixed installations in industrial areas, buildings and similar applications.



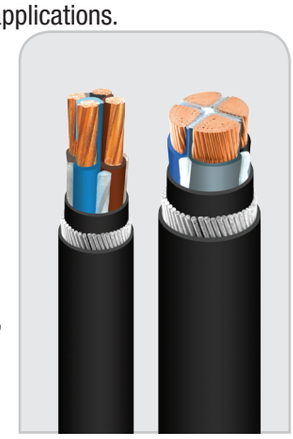
Specifications

Type		: Cu/XLPE/SWA/PVC
Standard		: BS 5467
Nominal Voltage		: 600/1000V
Conductor		: Class 2 Annealed Copper Wires
Insulation	Material	: XLPE
	Colour	: Refer last page - "CABLE CORE COLOURS"
Sheathing	Material	: PVC Type 9
	Colour	: Black

Nominal Cross Sectional Area	Nominal Insulation Thickness	Nominal Bedding Thickness	Nominal Steel Armour Wire Diameter	Nominal Sheathing Thickness	Approx. Overall Diameter	Max. d.c. Resistance at 20 ^{0}C	Approx. Weight
mm^2	mm	mm	mm	mm	mm	Ω/km	kg/km
Two Core							
2 x 1.5	0.6	0.8	0.9	1.3	12.1	12.1	268
2 x 2.5	0.7	0.8	0.9	1.4	13.6	7.41	328
2 x 4	0.7	0.8	0.9	1.4	14.7	4.61	388
2 x 6	0.7	0.8	0.9	1.4	15.9	3.08	458
2 x 10	0.7	0.8	0.9	1.5	18.0	1.83	597
2 x 16	0.7	0.8	1.25	1.5	20.4	1.15	883
2 x 25	0.9	0.8	1.25	1.6	24.1	0.727	1200
2 x 35	0.9	1.0	1.6	1.7	27.7	0.524	1680
Three Core							
3 x 1.5	0.6	0.8	0.9	1.3	12.6	12.1	298
3 x 2.5	0.7	0.8	0.9	1.4	14.1	7.41	372
3 x 4	0.7	0.8	0.9	1.4	15.3	4.61	449
3 x 6	0.7	0.8	0.9	1.4	16.6	3.08	541
3 x 10	0.7	0.8	1.25	1.5	19.5	1.83	831
3 x 16	0.7	0.8	1.25	1.6	21.6	1.15	1089
3 x 25	0.9	1.0	1.6	1.7	26.7	0.727	1696
3 x 35	0.9	1.0	1.6	1.8	29.4	0.524	2105

3.8.1
Four Core PVC Insulated and PVC Sheathed Armoured - Circular & Shaped Conductor

Application: Use in fixed installations in industrial areas, buildings and similar applications.



Specifications

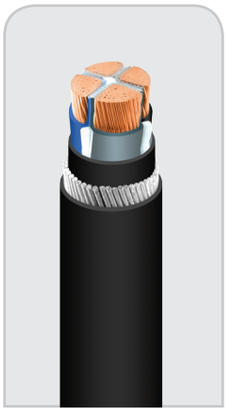
Type		: Cu/PVC/SWA/PVC
Standard		: BS 6346
Nominal Voltage		: 600/1000V
Conductor		: Class 2 Annealed Copper Wires
Insulation	Material	: PVC TI 1
	Colour	: Refer last page - “CABLE CORE COLOURS”
Sheathing	Material	: PVC TM 1
	Colour	: Black

Nominal Cross Sectional Area	Nominal Insulation Thickness	Nominal Bedding Thickness	Nominal Steel Armour Wire Diameter	Nominal Sheathing Thickness	Approx. Overall Diameter	Max. d.c. Resistance at 20 ^{0}C	Approx. Weight
mm^2	mm	mm	mm	mm	mm	Ω/km	kg/km
Circular Stranded Conductor							
4 x 1.5	0.6	0.8	0.9	1.4	13.5	12.1	352
4 x 2.5	0.7	0.8	0.9	1.4	15.0	7.41	439
4 x 4	0.8	0.8	1.25	1.5	17.8	4.61	663
4 x 6	0.8	0.8	1.25	1.5	19.2	3.08	792
4 x 10	1.0	0.8	1.25	1.6	22.8	1.83	1102
4 x 16	1.0	1.0	1.6	1.7	26.3	1.15	1623
4 x 25	1.2	1.0	1.6	1.8	30.7	0.727	2221
4 x 35	1.2	1.0	1.6	1.9	33.7	0.524	2759
Shaped Stranded Conductor							
4 x 35	1.2	1.0	1.6	1.9	30.3	0.524	2539
4 x 50	1.4	1.2	2.0	2.0	35.4	0.387	3496
4 x 70	1.4	1.2	2.0	2.1	39.2	0.268	4541
4 x 95	1.6	1.2	2.0	2.2	44.3	0.193	5872
4 x 120	1.6	1.4	2.5	2.4	49.3	0.153	7627
4 x 150	1.8	1.4	2.5	2.5	53.6	0.124	8857
4 x 185	2.0	1.6	2.5	2.6	59.0	0.0991	10826
4 x 240	2.2	1.6	2.5	2.8	65.7	0.0754	13459
4 x 300	2.4	1.6	2.5	3.0	72.0	0.0601	16491
4 x 400	2.6	1.8	3.15	3.3	81.3	0.0470	21027

3. Industrial - Copper

3.8.2
Four Core XLPE Insulated and PVC Sheathed Armoured - Circular & Shaped Conductor

Application: Use in fixed installations in industrial areas, buildings and similar applications.



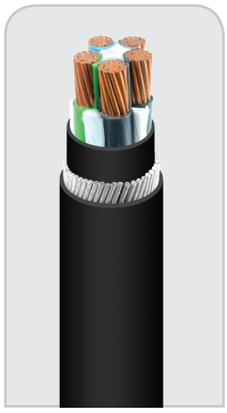
Specifications

Type		: Cu/XLPE/SWA/PVC
Standard		: SLS 1186, BS 5467
Nominal Voltage		: 600/1000V
Conductor		: Class 2 Annealed Copper Wires
Insulation	Material	: XLPE
	Colour	: Refer last page - "CABLE CORE COLOURS"
Sheathing	Material	: PVC Type 9
	Colour	: Black

Nominal Cross Sectional Area	Nominal Insulation Thickness	Nominal Bedding Thickness	Nominal Steel Armour Wire Diameter	Nominal Sheathing Thickness	Approx. Overall Diameter	Max. d.c. Resistance at 20 ^{0}C	Approx. Weight
mm^2	mm	mm	mm	mm	mm	Ω/km	kg/km
Circular Stranded Conductor							
4 x 1.5	0.6	0.8	0.9	1.3	13.3	12.1	336
4 x 2.5	0.7	0.8	0.9	1.4	15.0	7.41	424
4 x 4	0.7	0.8	0.9	1.4	16.4	4.61	520
4 x 6	0.7	0.8	1.25	1.5	18.7	3.08	746
4 x 10	0.7	0.8	1.25	1.5	21.1	1.83	982
4 x 16	0.7	0.8	1.25	1.6	23.4	1.15	1307
4 x 25	0.9	1.0	1.6	1.7	28.9	0.727	2041
4 x 35	0.9	1.0	1.6	1.8	31.9	0.524	2558
Shaped Stranded Conductor							
4 x 35	0.9	1.0	1.6	1.8	28.6	0.524	2373
4 x 50	1.0	1.0	1.6	1.9	32.0	0.387	2996
4 x 70	1.1	1.2	2.0	2.1	37.7	0.268	4320
4 x 95	1.1	1.2	2.0	2.2	41.7	0.193	5530
4 x 120	1.2	1.4	2.5	2.3	47.1	0.153	7254
4 x 150	1.4	1.4	2.5	2.4	51.4	0.124	8430
4 x 185	1.6	1.4	2.5	2.6	56.6	0.0991	10285
4 x 240	1.7	1.6	2.5	2.7	63.0	0.0754	12819
4 x 300	1.8	1.6	2.5	2.9	68.8	0.0601	15693
4 x 400	2.0	1.8	3.15	3.2	78.1	0.0470	20086

3.9.1
Five Core PVC Insulated and PVC Sheathed Armoured - Circular Conductor

Application: Use in fixed installations in industrial areas, buildings and similar applications.



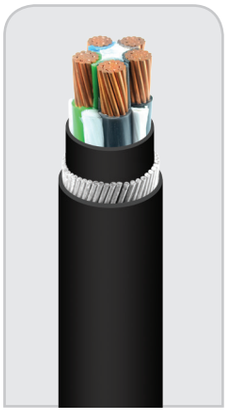
Specifications

Type		: Cu/PVC/SWA/PVC
Standard		: BS 6346
Nominal Voltage		: 600/1000V
Conductor		: Class 2 Annealed Copper Wires
Insulation	Material	: PVC TI 1
	Colour	: Refer last page - “CABLE CORE COLOURS”
Sheathing	Material	: PVC TM 1
	Colour	: Black

Nominal Cross Sectional Area	Nominal Insulation Thickness	Nominal Bedding Thickness	Nominal Steel Armour Wire Diameter	Nominal Sheathing Thickness	Approx Overall Diameter	Max. d.c. Resistance at 20 ^{0}C	Approx. Weight
mm^2	mm	mm	mm	mm	mm	Ω/km	kg/km
5 x 1.5	0.6	0.8	0.9	1.4	14.3	12.1	394
5 x 2.5	0.7	0.8	0.9	1.5	16.3	7.41	504
5 x 4	0.8	0.8	1.25	1.5	19.0	4.61	752
5 x 6	0.8	0.8	1.25	1.6	20.9	3.08	918
5 x 10	1.0	1.0	1.6	1.7	25.8	1.83	1465
5 x 16	1.0	1.0	1.6	1.7	28.4	1.15	1885
5 x 25	1.2	1.0	1.6	1.9	33.5	0.727	2622
5 x 35	1.2	1.0	1.6	1.9	36.6	0.524	3259
5 x 50	1.4	1.2	2.0	2.1	43.0	0.387	4497
5 x 70	1.4	1.2	2.0	2.2	48.1	0.268	5823

3.9.2
Five Core XLPE Insulated and PVC Sheathed Armoured - Circular Conductor

Application: Use in fixed installations in industrial areas, buildings and similar applications.



Specifications

Type		: Cu/XLPE/SWA/PVC
Standard		: BS 5467
Nominal Voltage		: 600/1000V
Conductor		: Class 2 Annealed Copper Wires
Insulation	Material	: XLPE
	Colour	: Refer last page - “CABLE CORE COLOURS”
Sheathing	Material	: PVC Type 9
	Colour	: Black

Nominal Cross Sectional Area	Nominal Insulation Thickness	Nominal Bedding Thickness	Nominal Steel Armour Wire Diameter	Nominal Sheathing Thickness	Approx. Overall Diameter	Max. d.c. Resistance at 20 °C	Approx. Weight
mm²	mm	mm	mm	mm	mm	Ω/km	kg/km
5 x 1.5	0.6	0.8	0.9	1.4	14.3	12.1	382
5 x 2.5	0.7	0.8	0.9	1.4	16.1	7.41	479
5 x 4	0.7	0.8	0.9	1.5	17.8	4.61	603
5 x 6	0.7	0.8	1.25	1.5	20.0	3.08	853
5 x 10	0.7	0.8	1.25	1.6	22.9	1.83	1148
5 x 16	0.7	1.0	1.6	1.7	26.6	1.15	1726
5 x 25	0.9	1.0	1.6	1.8	31.5	0.727	2407
5 x 35	0.9	1.0	1.6	1.9	34.8	0.524	3036
5 x 50	1.0	1.2	2.0	2.0	40.4	0.387	4149
5 x 70	1.1	1.2	2.0	2.2	46.3	0.268	5499