

SINGLE CORE COPPER CONDUCTOR XLPE INSULATED PVC SHEATHED ALUMINUM WIRE ARMURED CABLES CU/XLPE/PVC/AWA/PVC

CONSTRUCTION:-

CONDUCTOR	:	Stranded Bare annealed Copper Conductor, circular or circular compacted as per BS 6360/IEC 60228 (Class 2).
INSULATION	:	Extruded layer of cross linked polyethylene
CORE IDENTIFICATION	:	Red or Black or as per customer requirement
BEDDING	:	Extruded layer of PVC compound
ARMOUR	:	Consists of single layer of aluminum wires of appropriate diameter.
OVER SHEATH	:	Extruded layer of PVC compound generally Black
DESIGN	:	The Cable meets the requirement of BS 5467/IEC 60502 - 1

Nominal Area of Conductor	Nominal Thickness of Insulation	Nominal Thickness of Extruded Bedding	Nominal Diameter of Armour Wire	Nominal Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Cable Weight	Packing Length (Standard)
mm ²	mm	mm	mm	mm	mm	kg/km	mtrs
50	1.0	0.8	0.9	1.5	18.0	625	1000
70	1.1	0.8	1.25	1.5	20.0	885	1000
95	1.1	0.8	1.25	1.6	22.0	1160	1000
120	1.2	0.8	1.25	1.6	23.0	1415	1000
150	1.4	1.0	1.6	1.7	26.0	1790	1000
185	1.6	1.0	1.6	1.8	28.0	2180	1000
240	1.7	1.0	1.6	1.8	31.0	2760	1000
300	1.8	1.0	1.6	1.9	34.0	3375	1000
400	2.0	1.2	2.0	2.0	38.0	4370	1000
500	2.2	1.2	2.0	2.1	42.0	5400	500
630	2.4	1.2	2.0	2.2	46.0	6915	500



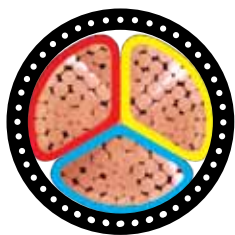
TWO CORE COPPER CONDUCTOR XLPE INSULATED PVC SHEATHED ARMURED CABLES CU/XLPE/PVC/SWA/PVC

CONSTRUCTION:-

CONDUCTOR	:	Annealed Bare Copper Conductor, Solid/Stranded circular and Sector shaped as per BS 6360/IEC 60228 (Class – 2)
INSULATION	:	Extruded layer of cross-linked polyethylene.
CORE IDENTIFICATION	:	Red, Black or as per customer Requirement.
LAYING UP	:	The cores are laid with right hand lay. Where necessary synthetic fillers and used to maintain the circularity.
BEDDING	:	Shall consist of an extruded layer of PVC compound.
ARMOUR	:	Consist of single layer of galvanized steel wires of appropriate size.
OVER SHEATH	:	Extruded layer of PVC compound generally Black.
DESIGN	:	The Cable confirm the requirement of BS 5467/IEC 60502 – 1.

Nominal Area of Conductor	Nominal Thickness of Insulation	Nominal Thickness of Extruded Bedding	Nominal Diameter of Armour Wire	Nominal Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Cable Weight	Packing Length (Standard)
mm ²	mm	mm	mm	mm	mm	kg/km	mtrs
1.5 #	0.6	0.8	0.9	1.3	12.5	265	1000
2.5 #	0.7	0.8	0.9	1.4	14.0	310	1000
4 #	0.7	0.8	0.9	1.4	15.0	380	1000
6 #	0.7	0.8	0.9	1.4	16.0	455	1000
10 #	0.7	0.8	0.9	1.5	18.0	610	1000
16 #	0.7	0.8	1.25	1.5	20.0	830	1000
25	0.9	0.8	1.25	1.6	20.0	975	1000
35	0.9	1.0	1.6	1.7	23.0	1385	1000
50	1.0	1.0	1.6	1.8	25.0	1705	1000
70	1.1	1.0	1.6	1.9	28.0	2220	1000
95	1.1	1.2	2.0	2.0	32.0	3050	1000
120	1.2	1.2	2.0	2.1	34.0	3655	1000
150	1.4	1.2	2.0	2.2	38.0	4340	1000
185	1.6	1.4	2.5	2.4	42.0	5590	500
240	1.7	1.4	2.5	2.5	49.0	7080	500
300	1.8	1.6	2.5	2.6	53.0	8540	500
400	2.0	1.6	2.5	2.8	58.0	10475	500

Circular conductor.



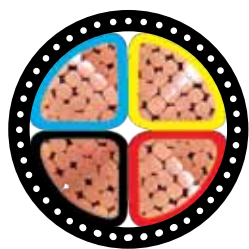
THREE CORE COPPER CONDUCTOR XLPE INSULATED PVC SHEATHED ARMoured CABLES CU/XLPE/PVC/SWA/PVC

CONSTRUCTION:-

CONDUCTOR	:	Annealed Bare Copper Conductor, solid/ Stranded circular or Sector shaped as per BS 6360/IEC 60228 (Class 2).
INSULATION	:	Extruded layer of cross-linked polyethylene.
CORE IDENTIFICATION	:	Red, Yellow, Blue or as per customer Requirement.
LAYING UP	:	The cores are laid with right hand lay. Where necessary synthetic fillers and used to maintain the circularity.
BEDDING	:	Shall consist of an extruded layer of PVC compound.
ARMOUR	:	Consist of single layer of galvanized steel wires of appropriate size.
OVER SHEATH	:	Extruded layer of PVC compound generally Black
DESIGN	:	The Cable confirm the requirement of BS 5467/IEC 60502 – 1.

Nominal Area of Conductor	Nominal Thickness of Insulation	Nominal Thickness of Extruded Bedding	Nominal Diameter of Armour Wire	Nominal Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Cable Weight	Packing Length (Standard)
mm ²	mm	mm	mm	mm	mm	kg/km	mtrs
1.5 #	0.6	0.8	0.9	1.3	13.0	295	1000
2.5 #	0.7	0.8	0.9	1.4	14.0	350	1000
4 #	0.7	0.8	0.9	1.4	15.0	435	1000
6 #	0.7	0.8	0.9	1.4	17.0	530	1000
10 #	0.7	0.8	1.25	1.5	19.0	825	1000
16 #	0.7	0.8	1.25	1.6	21.0	1025	1000
25	0.9	1	1.6	1.7	23.0	1450	1000
35	0.9	1.0	1.6	1.8	25.0	1815	1000
50	1.0	1.0	1.6	1.8	28.0	2270	1000
70	1.1	1.0	1.6	1.9	32.0	3005	1000
95	1.1	1.2	2.0	2.1	36.0	4160	1000
120	1.2	1.2	2.0	2.2	40.0	5045	1000
150	1.4	1.4	2.5	2.3	45.0	6475	500
185	1.6	1.4	2.5	2.4	48.0	7705	500
240	1.7	1.4	2.5	2.6	54.0	9705	500
300	1.8	1.6	2.5	2.7	60.0	11845	500
400	2.0	1.6	2.5	2.9	64.0	14465	500

Circular conductor.



FOUR CORE COPPER CONDUCTOR XLPE INSULATED PVC SHEATHED ARMoured CABLES CU/XLPE/PVC/SWA/PVC

CONSTRUCTION:-

CONDUCTOR	:	Annealed Bare Copper Conductor, solid/Stranded circular or Sector shaped as per BS 6360/IEC 60228 (Class 2).
INSULATION	:	Extruded layer of cross-linked polyethylene.
CORE IDENTIFICATION	:	Red, Yellow, Blue, Black or as per customer Requirement.
LAYING UP	:	The cores are laid with right hand lay. Where necessary synthetic fillers and used to maintain the circularity.
BEDDING	:	Shall consist of an extruded layer of PVC compound.
ARMOUR	:	Consist of single layer of galvanized steel wires of appropriate size.
OVER SHEATH	:	Extruded layer of PVC compound generally Black
DESIGN	:	The Cable confirm the requirement of BS 5467/IEC 60502 – 1.

Nominal Area of Conductor	Nominal Thickness of Insulation	Nominal Thickness of Extruded Bedding	Nominal Diameter of Armour Wire	Nominal Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Cable Weight	Packing Length (Standard)
mm ²	mm	mm	mm	mm	mm	kg/km	mtrs
1.5 #	0.6	0.8	0.9	1.3	14.0	330	1000
2.5 #	0.7	0.8	0.9	1.4	15.0	405	1000
4 #	0.7	0.8	0.9	1.4	16.0	500	1000
6 #	0.7	0.8	1.25	1.5	18.0	730	1000
10 #	0.7	0.8	1.25	1.5	21.0	950	1000
16 #	0.7	0.8	1.25	1.6	23.0	1230	1000
25	0.9	1	1.6	1.7	26.0	1835	1000
35	0.9	1.0	1.6	1.8	29.0	2285	1000
50	1.0	1.0	1.6	1.9	31.0	2845	1000
70	1.1	1.2	2	2.1	37.0	4115	1000
95	1.1	1.2	2.0	2.2	40.0	5280	1000
120	1.2	1.4	2.5	2.3	47.0	6910	500
150	1.4	1.4	2.5	2.4	51.0	8210	500
185	1.6	1.4	2.5	2.6	56.0	9980	500
240	1.7	1.6	2.5	2.7	62.0	12540	500
300	1.8	1.6	2.5	2.9	68.0	15160	500
400	2.0	1.8	3.15	3.2	78.0	19860	500

Circular conductor.



FIVE CORE COPPER CONDUCTOR XLPE INSULATED PVC SHEATHED ARMoured CABLES CU/XLPE/PVC/SWA/PVC

CONSTRUCTION:-

CONDUCTOR	:	Annealed Bare Copper Conductor, solid/Stranded circular or shaped as per BS 6360/IEC 60228 (Class 2).
INSULATION	:	Extruded layer of cross-linked polyethylene.
CORE IDENTIFICATION	:	Red, Yellow, Blue, Black, Yellow-Green or as per customer Requirement.
LAYING UP	:	The cores are laid with right hand lay. Where necessary synthetic fillers used to maintain the circularity.
BEDDING	:	Shall consist of an extruded layer of PVC compound.
ARMOUR	:	Consist of single layer of galvanized steel wires of appropriate size.
OVER SHEATH	:	Extruded layer of PVC compound generally Black
DESIGN	:	The Cable confirm the requirement of BS 5467/ IEC 60502 – 1.

Nominal Area of Conductor	Nominal Thickness of Insulation	Nominal Thickness of Extruded Bedding	Nominal Diameter of Armour Wire	Nominal Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Cable Weight for CU Cable	Packing Length (Standard)
mm ²	mm	mm	mm	mm	mm	kg/km	mtrs
1.5	0.6	0.8	0.9	1.4	15.0	380	1000
2.5	0.7	0.8	0.9	1.4	16.0	460	1000
4	0.7	0.8	0.9	1.5	18.0	580	1000
6	0.7	0.8	1.25	1.5	20.0	845	1000
10	0.7	0.8	1.25	1.6	23.0	1125	1000
16	0.7	1.0	1.6	1.7	26.0	1640	1000
25	0.9	1.0	1.6	1.8	30.0	2285	1000
35	0.9	1.0	1.6	1.9	33.0	2865	1000
50	1.0	1.2	2.0	2.0	38.0	3935	1000
70	1.1	1.2	2.0	2.2	43.0	5240	500