

## SINGLE CORE COPPER CONDUCTOR XLPE INSULATED PVC SHEATHED UNARMOURED CABLES CU/XLPE/PVC

### CONSTRUCTION:-

CONDUCTOR	:	Stranded annealed Bare 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
OVER SHEATH	:	Extruded layer of PVC compound generally Black
DESIGN	:	The Cable meets the requirement of BS 7889/IEC 60502-1

Nominal Area of Conductor	Nominal Thickness of Insulation	Nominal Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Cable Weight	Packing Length (Standard)
mm <sup>2</sup>	mm	mm	mm	kg/km	mtrs
1.5	0.7	1.4	6.0	50	1000
2.5	0.7	1.4	6.5	60	1000
4	0.7	1.4	7.0	80	1000
6	0.7	1.4	7.5	100	1000
10	0.7	1.4	8.5	145	1000
16	0.7	1.4	9.0	200	1000
25	0.9	1.4	11.0	300	1000
35	0.9	1.4	12.0	395	1000
50	1.0	1.4	13.0	515	1000
70	1.1	1.4	15.0	715	1000
95	1.1	1.5	17.0	970	1000
120	1.2	1.5	19.0	1205	1000
150	1.4	1.6	21.0	1485	1000
185	1.6	1.6	23.0	1845	1000
240	1.7	1.7	26.0	2395	1000
300	1.8	1.8	28.0	2980	1000
400	2.0	1.9	32.0	3795	1000
500	2.2	2.0	35.0	4765	1000
630	2.4	2.2	40.0	6230	1000



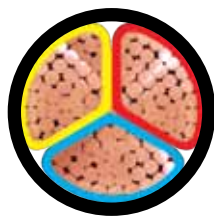
## TWO CORE COPPER CONDUCTOR XLPE INSULATED PVC SHEATHED UN ARMoured CABLES CU/XLPE/PVC

### CONSTRUCTION:-

CONDUCTOR	:	Annealed Bare Copper Conductor Stranded circular/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.
OVER SHEATH	:	Extruded layer of PVC compound generally Black
DESIGN	:	The Cable confirm the requirement of IEC 60502-1.

Nominal Area of Conductor	Nominal Thickness of Insulation	Nominal Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Cable Weight for CU Cable	Approx. Cable Weight	Packing Length (Standard)
mm <sup>2</sup>	mm	mm	mm	kg/km	kg/km	mtrs
1.5 #	0.7	1.8	10.0	125	--	1000
2.5 #	0.7	1.8	11.0	160	--	1000
4 #	0.7	1.8	12.0	205	--	1000
6 #	0.7	1.8	13.0	265	--	1000
10 #	0.7	1.8	15.0	375	--	1000
16 #	0.7	1.8	17.0	465	270	1000
25	0.9	1.8	16.0	620	315	1000
35	0.9	1.8	18.0	815	390	1000
50	1.0	1.8	21.0	1065	495	1000
70	1.1	1.8	23.0	1480	655	1000
95	1.1	2.0	26.0	2010	860	1000
120	1.2	2.1	28.0	2500	1050	1000
150	1.4	2.2	32.0	3075	1280	1000
185	1.6	2.3	34.0	3815	1575	1000
240	1.7	2.5	41.0	5000	2055	1000
300	1.8	2.7	45.0	6220	2505	500
400	2.0	2.9	51.0	7905	3145	500

# Circular conductor.



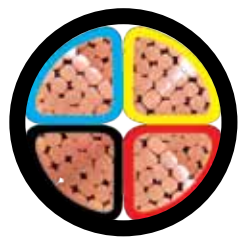
## THREE CORE COPPER CONDUCTOR XLPE INSULATED PVC SHEATHED UN ARMoured CABLES CU/XLPE/PVC

### CONSTRUCTION:-

CONDUCTOR	:	Annealed Bare Copper Conductor, Stranded circular/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.
OVER SHEATH	:	Extruded layer of PVC compound generally Black
DESIGN	:	The Cable confirm the requirement of IEC 60502 – 1.

Nominal Area of Conductor	Nominal Thickness of Insulation	Nominal Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Cable Weight	Packing Length (Standard)
mm <sup>2</sup>	mm	mm	mm	kg/km	mtrs
1.5 #	0.7	1.8	11.0	145	1000
2.5 #	0.7	1.8	12.0	185	1000
4 #	0.7	1.8	13.0	245	1000
6 #	0.7	1.8	14.0	325	1000
10 #	0.7	1.8	16.0	470	1000
16 #	0.7	1.8	18.0	630	1000
25	0.9	1.8	18.0	885	1000
35	0.9	1.8	21.0	1175	1000
50	1.0	1.8	23.0	1540	1000
70	1.1	1.9	27.0	2170	1000
95	1.1	2.0	30.0	2935	1000
120	1.2	2.1	34.0	3675	1000
150	1.4	2.3	38.0	4535	1000
185	1.6	2.4	40.0	5630	500
240	1.7	2.6	47.0	7355	500
300	1.8	2.8	52.0	9160	500
400	2.0	3.1	57.0	11660	500

# Circular conductor.



## FOUR CORE COPPER CONDUCTOR XLPE INSULATED SHEATHED UN ARMoured CABLES CU/XLPE/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.
OVER SHEATH	:	Extruded layer of PVC compound generally Black
DESIGN	:	The Cable meets the requirement of IEC 60502 - 1

Nominal Area of Conductor	Nominal Thickness of Insulation	Nominal Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Cable Weight	Packing Length (Standard)
mm <sup>2</sup>	mm	mm	mm	kg/km	mtrs
1.5 #	0.7	1.8	11.0	170	1000
2.5 #	0.7	1.8	12.0	225	1000
4 #	0.7	1.8	14.0	300	1000
6 #	0.7	1.8	15.0	395	1000
10 #	0.7	1.8	17.0	575	1000
16 #	0.7	1.8	19.0	805	1000
25	0.9	1.8	21.0	1165	1000
35	0.9	1.8	24.0	1540	1000
50	1.0	1.9	26.0	2030	1000
70	1.1	2	30.0	2860	1000
95	1.1	2.1	34.0	3880	1000
120	1.2	2.3	39.0	4885	1000
150	1.4	2.4	43.0	5995	500
185	1.6	2.6	49.0	7500	500
240	1.7	2.8	55.0	9765	500
300	1.8	3	60.0	12145	500
400	2.0	3.3	68.0	15500	500

# Circular conductor.