PVC Insulated, PVC Sheathed Unarmoured Cables
CU / PVC / PVC Single Core

Standard : IEC 60502-1

Rated Voltage :0.6/1 KV

Conductor :Class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be circular stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Outer Sheath :PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications :For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm
1 x 10	1.0	1.4	9
1 x 16	1.0	1.4	10
1 x 25	1.2	1.4	12
1 x 35	1.2	1.4	13
1 x 50	1.4	1.4	14
1 x 70	1.4	1.4	16
1 x 95	1.6	1.5	18
1 x 120	1.6	1.5	20
1 x 150	1.8	1.6	22
1 x 185	2.0	1.7	24
1 x 240	2.2	1.8	27
1 x 300	2.4	1.9	30
1 x 400	2.6	2.0	33
1 x 500	2.8	2.1	37
1 x 630	2.8	2.2	41

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

PVC Insulated, PVC Sheathed Unarmoured Cables
CU / PVC / PVC Two Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 1 solid (up to 6 mm^2 upon request) copper or class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be circular stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

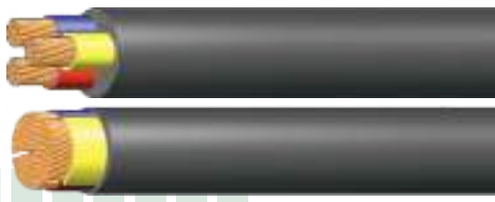
Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm
2 x 1.5	0.8	1.8	10
2 x 2.5	0.8	1.8	11
2 x 4.0	1.0	1.8	13
2 x 6.0	1.0	1.8	14
2 x 10	1.0	1.8	18
2 x 16	1.0	1.8	20
2 x 25	1.2	1.8	23
2 x 35	1.2	1.8	25
2 x 50	1.4	1.8	29
2 x 70	1.4	1.9	32
2 x 95	1.6	2.0	37
2 x 120	1.6	2.1	40
2 x 150	1.8	2.2	44
2 x 185	2.0	2.4	48
2 x 240	2.2	2.6	55
2 x 300	2.4	2.7	60

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

PVC Insulated, PVC Sheathed Unarmoured Cables
CU / PVC / PVC Three Core



Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 1 solid (up to 6 mm^2 upon request) copper or class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be sectoral stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm
3 x 1.5	0.8	1.8	11
3 x 2.5	0.8	1.8	12
3 x 4.0	1.0	1.8	14
3 x 6.0	1.0	1.8	15
3 x 10	1.0	1.8	19
3 x 16	1.0	1.8	20
3 x 25	1.2	1.8	20
3 x 35	1.2	1.8	22
3 x 50	1.4	1.8	25
3 x 70	1.4	1.9	28
3 x 95	1.6	2.1	32
3 x 120	1.6	2.2	34
3 x 150	1.8	2.3	38
3 x 185	2.0	2.5	42
3 x 240	2.2	2.7	47
3 x 300	2.4	2.9	52

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

PVC Insulated, PVC Sheathed Unarmoured Cables
CU / PVC / PVC Four Core With Reduced Neutral

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor (Phase) 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be sectoral stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness (mm)		Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	Ph.•	Ne.•	mm	mm
3 x 10 + 6	1.0	1.0	1.8	20
3 x 16 + 10	1.0	1.0	1.8	22
3 x 25 + 16	1.2	1.0	1.8	24
3 x 35 + 16	1.2	1.0	1.8	25
3 x 50 + 25	1.4	1.2	1.9	29
3 x 70 + 35	1.4	1.2	2.0	32
3 x 95 + 50	1.6	1.4	2.1	37
3 x 120 + 70	1.6	1.4	2.2	40
3 x 150 + 70	1.8	1.4	2.4	44
3 x 185 + 95	2.0	1.6	2.5	49
3 x 240 + 120	2.2	1.6	2.7	55
3 x 300 + 150	2.4	1.8	2.9	61

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

• Ph. : Phase condutor.
• Ne. : Neutral conductor.

PVC Insulated, PVC Sheathed Unarmoured Cables
CU / PVC / PVC Four Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 1 solid (up to 6 mm^2 upon request) copper or class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be sectoral stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm
4 x 1.5	0.8	1.8	12
4 x 2.5	0.8	1.8	13
4 x 4.0	1.0	1.8	15
4 x 6.0	1.0	1.8	16
4 x 10	1.0	1.8	21
4 x 16	1.0	1.8	23
4 x 25	1.2	1.8	23
4 x 35	1.2	1.8	26
4 x 50	1.4	1.9	30
4 x 70	1.4	2.1	33
4 x 95	1.6	2.2	38
4 x 120	1.6	2.3	41
4 x 150	1.8	2.5	46
4 x 185	2.0	2.7	51
4 x 240	2.2	2.9	57
4 x 300	2.4	3.1	63

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

PVC Insulated, PVC Sheathed Unarmoured Cables
CU / PVC / PVC Five Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 1 solid (up to 6 mm^2 upon request) copper or class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be circular stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm
5 x 1.5	0.8	1.8	13
5 x 2.5	0.8	1.8	14
5 x 4.0	1.0	1.8	16
5 x 6.0	1.0	1.8	18
5 x 10	1.0	1.8	22
5 x 16	1.0	1.8	25
5 x 25	1.2	1.8	29
5 x 35	1.2	1.9	32
5 x 50	1.4	2.0	37
5 x 70	1.4	2.2	42

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

PVC Insulated, PVC Sheathed Armoured Cables
CU / PVC / AWA / PVC Single Core

Standard : IEC 60502-1, BS 6346

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be circular stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Armour Aluminum wires applied helically as per IEC 60502-1 or BS 6346.

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Aluminum Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm	mm
1 x 50	1.4	1.25	1.8	20
1 x 70	1.4	1.25	1.8	21
1 x 95	1.6	1.25	1.8	23
1 x 120	1.6	1.60	1.8	26
1 x 150	1.8	1.60	1.8	27
1 x 185	2.0	1.60	1.8	29
1 x 240	2.2	1.60	1.9	32
1 x 300	2.4	2.00	2.0	36
1 x 400	2.6	2.00	2.1	40
1 x 500	2.8	2.00	2.2	44
1 x 630	2.8	2.00	2.4	47

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

PVC Insulated, PVC Sheathed Armoured Cables
CU / PVC / SWA / PVC Two Core

Standard : IEC 60502-1, BS 6346

Rated Voltage : 0.6/1 KV

Conductor : Class 1 solid (up to 6 mm^2 upon request) copper or class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be circular stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Armour Galvanized steel wires applied helically as per IEC 60502-1 or BS 6346.

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm	mm
2 x 1.5	0.8	0.9	1.8	14
2 x 2.5	0.8	0.9	1.8	15
2 x 4.0	1.0	0.9	1.8	17
2 x 6.0	1.0	1.25	1.8	19
2 x 10	1.0	1.25	1.8	21
2 x 16	1.0	1.25	1.8	23
2 x 25	1.2	1.6	1.8	26
2 x 35	1.2	1.6	1.8	28
2 x 50	1.4	1.6	1.9	32
2 x 70	1.4	2.0	2.0	36
2 x 95	1.6	2.0	2.2	41
2 x 120	1.6	2.0	2.3	44
2 x 150	1.8	2.0	2.4	49
2 x 185	2.0	2.5	2.6	54
2 x 240	2.2	2.5	2.8	60
2 x 300	2.4	2.5	2.9	65

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

PVC Insulated, PVC Sheathed Armoured Cables
CU / PVC / SWA / PVC Three Core

Standard : IEC 60502-1, BS 6346

Rated Voltage : 0.6/1 KV

Conductor : Class 1 solid (up to 6 mm^2 upon request) copper or class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be sectoral stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Armour Galvanized steel wires applied helically as per IEC 60502-1 or BS 6346.

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm	mm
3 x 1.5	0.8	0.9	1.8	15
3 x 2.5	0.8	0.9	1.8	16
3 x 4.0	1.0	1.25	1.8	18
3 x 6.0	1.0	1.25	1.8	20
3 x 10	1.0	1.25	1.8	22
3 x 16	1.0	1.25	1.8	24
3 x 25	1.2	1.6	1.8	24
3 x 35	1.2	1.6	1.8	26
3 x 50	1.4	1.6	2.0	30
3 x 70	1.4	2.0	2.1	34
3 x 95	1.6	2.0	2.2	38
3 x 120	1.6	2.0	2.3	40
3 x 150	1.8	2.5	2.5	46
3 x 185	2.0	2.5	2.7	50
3 x 240	2.2	2.5	2.9	55
3 x 300	2.4	2.5	3.1	60

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

PVC Insulated, PVC Sheathed Armoured Cables
CU / PVC / SWA / PVC Four Core With Reduced Neutral

Standard : IEC 60502-1, BS 6346

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor (Phase) 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be sectoral stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Outer Sheath : Galvanized steel wires applied helically as per IEC 60502-1 or BS 6346.

Armour PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness (mm)		Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	Ph.•	Ne.•	mm	mm	mm
3 x 10 + 6	1.0	1.0	1.25	1.8	23
3 x 16 + 10	1.0	1.0	1.60	1.8	26
3 x 25 + 16	1.2	1.0	1.60	1.8	27
3 x 35 + 16	1.2	1.0	1.60	1.8	30
3 x 50 + 25	1.4	1.2	2.00	2.0	35
3 x 70 + 35	1.4	1.2	2.00	2.1	38
3 x 95 + 50	1.6	1.4	2.00	2.2	43
3 x 120 + 70	1.6	1.4	2.50	2.4	47
3 x 150 + 70	1.8	1.4	2.50	2.5	52
3 x 185 + 95	2.0	1.6	2.50	2.7	57
3 x 240 + 120	2.2	1.6	2.50	2.9	63
3 x 300 + 150	2.4	1.8	2.50	3.1	69

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

• Ph. : Phase condutor.
• Ne. : Neutral conductor.

PVC Insulated, PVC Sheathed Armoured Cables
CU / PVC / SWA / PVC Four Core

Standard : IEC 60502-1, BS 6346

Rated Voltage : 0.6/1 KV

Conductor : Class 1 solid (up to 6 mm^2 upon request) copper or class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be sectoral stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Armour Galvanized steel wires applied helically as per IEC 60502-1 or BS 6346.

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm	mm
4 x 1.5	0.8	0.90	1.8	16
4 x 2.5	0.8	0.90	1.8	17
4 x 4.0	1.0	1.25	1.8	20
4 x 6.0	1.0	1.25	1.8	21
4 x 10	1.0	1.25	1.8	23
4 x 16	1.0	1.60	1.8	26
4 x 25	1.2	1.60	1.8	28
4 x 35	1.2	1.60	1.9	30
4 x 50	1.4	2.00	2.1	36
4 x 70	1.4	2.00	2.2	39
4 x 95	1.6	2.50	2.4	45
4 x 120	1.6	2.50	2.5	49
4 x 150	1.8	2.50	2.7	54
4 x 185	2.0	2.50	2.9	59
4 x 240	2.2	2.50	3.1	65
4 x 300	2.4	2.50	3.3	71

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

PVC Insulated, PVC Sheathed Armoured Cables
CU / PVC / SWA / PVC Five Core

Standard : IEC 60502-1, BS 6346

Rated Voltage : 0.6/1 KV

Conductor : Class 1 solid (up to 6 mm^2 upon request) copper or class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be circular stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Armour Galvanized steel wires applied helically as per IEC 60502-1 or BS 6346.

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm	mm
5 x 1.5	0.8	0.90	1.8	16
5 x 2.5	0.8	0.90	1.8	18
5 x 4.0	1.0	1.25	1.8	21
5 x 6.0	1.0	1.25	1.8	22
5 x 10	1.0	1.60	1.8	26
5 x 16	1.0	1.60	1.8	28
5 x 25	1.2	1.60	1.9	32
5 x 35	1.2	2.00	2.0	36
5 x 50	1.4	2.00	2.2	42
5 x 70	1.4	2.00	2.3	46

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

XLPE Insulated, PVC Sheathed Unarmoured Cables
CU / XLPE / PVC Single Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be circular stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1, GP 8 as per BS 7655 temperature rating 90 °C.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363.

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm
1 x 10	0.7	1.4	8.3
1 x 16	0.7	1.4	9.3
1 x 25	0.9	1.4	10.6
1 x 35	0.9	1.4	11.7
1 x 50	1.0	1.4	13.2
1 x 70	1.1	1.4	15.0
1 x 95	1.1	1.5	16.8
1 x 120	1.2	1.5	18.5
1 x 150	1.4	1.6	20.6
1 x 185	1.6	1.6	22.6
1 x 240	1.7	1.7	25.3
1 x 300	1.8	1.8	27.8
1 x 400	2.0	1.9	31.6
1 x 500	2.2	2.0	35.0
1 x 630	2.4	2.2	39.1

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

XLPE Insulated, PVC Sheathed Unarmoured Cables
CU / XLPE / PVC Two Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 1 solid (up to 6 mm^2 upon request) copper or class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be circular stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1, GP 8 as per BS 7655 temperature rating 90 °C.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363.

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm
2 x 1.5	0.7	1.8	10
2 x 2.5	0.7	1.8	11
2 x 4.0	0.7	1.8	12
2 x 6.0	0.7	1.8	13
2 x 10	0.7	1.8	17
2 x 16	0.7	1.8	19
2 x 25	0.9	1.8	22
2 x 35	0.9	1.8	24
2 x 50	1.0	1.8	27
2 x 70	1.1	1.8	30
2 x 95	1.1	2.0	35
2 x 120	1.2	2.1	38
2 x 150	1.4	2.2	42
2 x 185	1.6	2.3	47
2 x 240	1.7	2.5	52
2 x 300	1.8	2.7	58

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

XLPE Insulated, PVC Sheathed Unarmoured Cables
CU / XLPE / PVC Three Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 1 solid (up to 6 mm^2 upon request) copper or class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be sectoral stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1, GP 8 as per BS 7655 temperature rating 90 °C.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363.

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm
3 x 1.5	0.7	1.8	11
3 x 2.5	0.7	1.8	12
3 x 4.0	0.7	1.8	13
3 x 6.0	0.7	1.8	14
3 x 10	0.7	1.8	18
3 x 16	0.7	1.8	20
3 x 25	0.9	1.8	19
3 x 35	0.9	1.8	20
3 x 50	1.0	1.8	23
3 x 70	1.1	1.9	26
3 x 95	1.1	2.0	29
3 x 120	1.2	2.1	32
3 x 150	1.4	2.3	36
3 x 185	1.6	2.4	40
3 x 240	1.7	2.6	45
3 x 300	1.8	2.8	49

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

XLPE Insulated, PVC Sheathed Unarmoured Cables
CU / XLPE / PVC Four Core With Reduced Neutral

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor (Phase) 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be sectoral stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1, GP 8 as per BS 7655 temperature rating 90 °C.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363.

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness (mm)		Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	Ph.•	Ne.•	mm	mm
3 x 10 + 6	0.7	0.7	1.8	19
3 x 16 + 10	0.7	0.7	1.8	21
3 x 25 + 16	0.9	0.7	1.8	21
3 x 35 + 16	0.9	0.7	1.8	24
3 x 50 + 25	1.0	0.9	1.8	27
3 x 70 + 35	1.1	0.9	1.9	31
3 x 95 + 50	1.1	1.0	2.1	34
3 x 120 + 70	1.2	1.1	2.2	38
3 x 150 + 70	1.4	1.1	2.3	43
3 x 185 + 95	1.6	1.1	2.5	47
3 x 240 + 120	1.7	1.2	2.6	53
3 x 300 + 150	1.8	1.4	2.8	58

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

• Ph. : Phase condutor.
• Ne. : Neutral conductor.

XLPE Insulated, PVC Sheathed Unarmoured Cables
CU / XLPE / PVC Four Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 1 solid (up to 6 mm^2 upon request) copper or class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be sectoral stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1, GP 8 as per BS 7655 temperature rating 90 °C.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363.

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm
4 x 1.5	0.7	1.8	11
4 x 2.5	0.7	1.8	12
4 x 4	0.7	1.8	14
4 x 6	0.7	1.8	15
4 x 10	0.7	1.8	19
4 x 16	0.7	1.8	22
4 x 25	0.9	1.8	22
4 x 35	0.9	1.8	24
4 x 50	1.0	1.9	28
4 x 70	1.1	2.0	32
4 x 95	1.1	2.1	36
4 x 120	1.2	2.3	40
4 x 150	1.4	2.4	44
4 x 185	1.6	2.6	49
4 x 240	1.7	2.8	55
4 x 300	1.8	3.0	60

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

XLPE Insulated, PVC Sheathed Unarmoured Cables
CU / XLPE / PVC Five Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 1 solid (up to 6 mm^2 upon request) copper or class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be circular stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1, GP 8 as per BS 7655 temperature rating 90 °C.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363.

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm
5 x 1.5	0.7	1.8	12
5 x 2.5	0.7	1.8	13
5 x 4.0	0.7	1.8	15
5 x 6.0	0.7	1.8	16
5 x 10	0.7	1.8	21
5 x 16	0.7	1.8	23
5 x 25	0.9	1.8	27
5 x 35	0.9	1.8	30
5 x 50	1.0	2.0	35
5 x 70	1.1	2.1	40

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

XLPE Insulated, PVC Sheathed Armoured Cables
CU / XLPE / AWA / PVC Single Core

Standard : IEC 60502-1, BS 5467

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be circular stranded Compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1 , GP 8 as per BS 7655 temperature rating 90 °C.

Armour Aluminum wires applied helically as per IEC 60502-1 or BS 5467.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Aluminum Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm	mm
1 x 50	1.0	1.25	1.8	19
1 x 70	1.1	1.25	1.8	21
1 x 95	1.1	1.25	1.8	22
1 x 120	1.2	1.60	1.8	25
1 x 150	1.4	1.60	1.8	27
1 x 185	1.6	1.60	1.8	29
1 x 240	1.7	1.60	1.9	31
1 x 300	1.8	1.60	1.9	34
1 x 400	2.0	2.00	2.1	39
1 x 500	2.2	2.00	2.2	42
1 x 630	2.4	2.00	2.3	46

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

XLPE Insulated, PVC Sheathed Armoured Cables
CU / XLPE / SWA / PVC Two Core

Standard : IEC 60502-1, BS 5467

Rated Voltage : 0.6/1 KV

Conductor : Class 1 solid (up to 6 mm^2 upon request) copper or class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be circular stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1 , GP 8 as per BS 7655 temperature rating 90 °C.

Armour Galvanized steel wires applied helically as per IEC 60502-1 or BS 5467.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm	mm
2 x 1.5	0.7	0.90	1.8	14
2 x 2.5	0.7	0.90	1.8	15
2 x 4.0	0.7	0.90	1.8	16
2 x 6.0	0.7	0.90	1.8	17
2 x 10	0.7	1.25	1.8	19
2 x 16	0.7	1.25	1.8	22
2 x 25	0.9	1.60	1.8	25
2 x 35	0.9	1.60	1.8	27
2 x 50	1.0	1.60	1.8	30
2 x 70	1.1	1.60	2.0	34
2 x 95	1.1	2.00	2.1	39
2 x 120	1.2	2.00	2.2	42
2 x 150	1.4	2.00	2.3	46
2 x 185	1.6	2.50	2.5	52
2 x 240	1.7	2.50	2.7	57
2 x 300	1.8	2.50	2.8	63

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

XLPE Insulated, PVC Sheathed Armoured Cables
CU / XLPE / SWA / PVC Three Core

Standard : IEC 60502-1, BS 5467

Rated Voltage : 0.6/1 KV

Conductor : Class 1 solid (up to 6 mm^2 upon request) copper or class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be sectoral stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1 , GP 8 as per BS 7655 temperature rating 90 °C.

Armour Galvanized steel wires applied helically as per IEC 60502-1 or BS 5467.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm	mm
3 x 1.5	0.7	0.90	1.8	14
3 x 2.5	0.7	0.90	1.8	15
3 x 4.0	0.7	0.90	1.8	16
3 x 6.0	0.7	0.90	1.8	18
3 x 10	0.7	1.25	1.8	20
3 x 16	0.7	1.25	1.8	22
3 x 25	0.9	1.60	1.8	23
3 x 35	0.9	1.60	1.8	25
3 x 50	1.0	1.60	1.9	28
3 x 70	1.1	2.00	2.0	33
3 x 95	1.1	2.00	2.2	36
3 x 120	1.2	2.00	2.3	39
3 x 150	1.4	2.50	2.5	44
3 x 185	1.6	2.50	2.6	48
3 x 240	1.7	2.50	2.8	53
3 x 300	1.8	2.50	3.0	57

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

XLPE Insulated, PVC Sheathed Armoured Cables
CU / XLPE / SWA / PVC - Four Core With Reduced Neutral

Standard : IEC 60502-1, BS 5467

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor (Phase) 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be sectoral stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1 , GP 8 as per BS 7655 temperature rating 90 °C.

Outer Sheath : Galvanized steel wires applied helically as per IEC 60502-1 or BS 5467.

Armour PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness (mm)		Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	Ph.•	Ne.•	mm	mm	mm
3 x 10 + 6	0.7	0.7	1.25	1.8	22
3 x 16 + 10	0.7	0.7	1.25	1.8	24
3 x 25 + 16	0.9	0.7	1.60	1.8	26
3 x 35 + 16	0.9	0.7	1.60	1.8	28
3 x 50 + 25	1.0	0.9	1.60	1.9	32
3 x 70 + 35	1.1	0.9	2.00	2.1	37
3 x 95 + 50	1.1	1.0	2.00	2.2	41
3 x 120 + 70	1.2	1.1	2.00	2.4	45
3 x 150 + 70	1.4	1.1	2.50	2.5	50
3 x 185 + 95	1.6	1.1	2.50	2.7	55
3 x 240 + 120	1.7	1.2	2.50	2.9	61
3 x 300 + 150	1.8	1.4	2.50	3.0	66

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

• Ph. : Phase condutor.
• Ne. : Neutral conductor.

XLPE Insulated, PVC Sheathed Armoured Cables
CU / XLPE / SWA / PVC Four Core

Standard : IEC 60502-1, BS 5467

Rated Voltage : 0.6/1 KV

Conductor : Class 1 solid (up to 6 mm^2 upon request) copper or class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be sectoral stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1 , GP 8 as per BS 7655 temperature rating 90 °C.

Armour Galvanized steel wires applied helically as per IEC 60502-1 or BS 5467.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm	mm
4 x 1.5	0.7	0.90	1.8	15
4 x 2.5	0.7	0.90	1.8	16
4 x 4.0	0.7	0.90	1.8	17
4 x 6.0	0.7	1.25	1.8	20
4 x 10	0.7	1.25	1.8	22
4 x 16	0.7	1.25	1.8	25
4 x 25	0.9	1.60	1.8	26
4 x 35	0.9	1.60	1.9	29
4 x 50	1.0	1.60	2.0	33
4 x 70	1.1	2.00	2.2	38
4 x 95	1.1	2.00	2.3	42
4 x 120	1.2	2.50	2.5	47
4 x 150	1.4	2.50	2.6	52
4 x 185	1.6	2.50	2.8	57
4 x 240	1.7	2.50	3.0	63
4 x 300	1.8	2.50	3.2	68

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

XLPE Insulated, PVC Sheathed Armoured Cables
CU / XLPE / SWA / PVC Five Core

Standard : IEC 60502-1, BS 5467

Rated Voltage : 0.6/1 KV

Conductor : Class 1 solid (up to 6 mm^2 upon request) copper or class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor 16 mm^2 and below, conductor shall be circular stranded non-compacted.
25 mm^2 and above, conductor shall be circular stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1 , GP 8 as per BS 7655 temperature rating 90 °C.

Armour Galvanized steel wires applied helically as per IEC 60502-1 or BS 5467.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm^2	mm	mm	mm	mm
5 x 1.5	0.7	0.9	1.8	16
5 x 2.5	0.7	0.9	1.8	17
5 x 4.0	0.7	1.25	1.8	19
5 x 6.0	0.7	1.25	1.8	21
5 x 10	0.7	1.25	1.8	23
5 x 16	0.7	1.60	1.8	27
5 x 25	0.9	1.60	1.8	30
5 x 35	0.9	1.60	1.9	33
5 x 50	1.0	2.00	2.1	39
5 x 70	1.1	2.00	2.3	44

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

PVC Insulated, PVC Sheathed Unarmoured Cables
AL / PVC / PVC Single Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be circular stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm
1 x 25	1.2	1.4	12
1 x 35	1.2	1.4	13
1 x 50	1.4	1.4	14
1 x 70	1.4	1.4	16
1 x 95	1.6	1.5	18
1 x 120	1.6	1.5	20
1 x 150	1.8	1.6	22
1 x 185	2.0	1.7	24
1 x 240	2.2	1.8	27
1 x 300	2.4	1.9	30
1 x 400	2.6	2.0	33
1 x 500	2.8	2.1	37
1 x 630	2.8	2.2	40

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

PVC Insulated, PVC Sheathed Unarmoured Cables
AL / PVC / PVC Two Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be circular stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm
2 x 25	1.2	1.8	23
2 x 35	1.2	1.8	25
2 x 50	1.4	1.8	29
2 x 70	1.4	1.9	32
2 x 95	1.6	2.0	36
2 x 120	1.6	2.1	40
2 x 150	1.8	2.2	44
2 x 185	2.0	2.4	48
2 x 240	2.2	2.6	54
2 x 300	2.4	2.7	60

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

PVC Insulated, PVC Sheathed Unarmoured Cables
AL / PVC / PVC Three Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be sectoral stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm
3 x 25	1.2	1.8	20
3 x 35	1.2	1.8	22
3 x 50	1.4	1.8	25
3 x 70	1.4	1.9	28
3 x 95	1.6	2.1	32
3 x 120	1.6	2.2	34
3 x 150	1.8	2.3	38
3 x 185	2.0	2.5	42
3 x 240	2.2	2.7	47
3 x 300	2.4	2.8	52

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

PVC Insulated, PVC Sheathed Unarmoured Cables
AL / PVC / PVC Four Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor (Phase) Conductor shall be sectoral stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm
4 x 25	1.2	1.8	23
4 x 35	1.2	1.8	25
4 x 50	1.4	1.9	30
4 x 70	1.4	2.0	33
4 x 95	1.6	2.2	38
4 x 120	1.6	2.3	41
4 x 150	1.8	2.5	46
4 x 185	2.0	2.6	51
4 x 240	2.2	2.9	57
4 x 300	2.4	3.1	63

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

PVC Insulated, PVC Sheathed Unarmoured Cables
AL / PVC / PVC Five Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be circular stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm
5 x 25	1.2	1.8	29
5 x 35	1.2	1.9	32
5 x 50	1.4	2.0	37
5 x 70	1.4	2.2	42

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

PVC Insulated, PVC Sheathed Armoured Cables
AL / PVC / AWA / PVC Single Core

Standard : IEC 60502-1, BS 6346

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded copper as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be circular stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Armour Aluminum wires applied helically as per IEC 60502-1 or BS 6346.

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Aluminum Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm	mm
1 x 50	1.4	1.25	1.8	20
1 x 70	1.4	1.25	1.8	21
1 x 95	1.6	1.25	1.8	23
1 x 120	1.6	1.60	1.8	26
1 x 150	1.8	1.60	1.8	27
1 x 185	2.0	1.60	1.8	29
1 x 240	2.2	1.60	1.9	32
1 x 300	2.4	2.00	2.0	36
1 x 400	2.6	2.00	2.1	40
1 x 500	2.8	2.00	2.2	43
1 x 630	2.8	2.00	2.4	47

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

PVC Insulated, PVC Sheathed Armoured Cables
AL / PVC / SWA / PVC Two Core

Standard : IEC 60502-1, BS 6346

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be circular stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Armour Galvanized steel wires applied helically as per IEC 60502-1 or BS 6346.

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm	mm
2 x 25	1.2	1.6	1.8	26
2 x 35	1.2	1.6	1.8	28
2 x 50	1.4	1.6	1.9	32
2 x 70	1.4	2.0	2.0	36
2 x 95	1.6	2.0	2.2	41
2 x 120	1.6	2.0	2.3	44
2 x 150	1.8	2.5	2.4	49
2 x 185	2.0	2.5	2.6	54
2 x 240	2.2	2.5	2.8	60
2 x 300	2.4	2.5	2.9	65

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

PVC Insulated, PVC Sheathed Armoured Cables
AL / PVC / SWA / PVC Three Core

Standard : IEC 60502-1, BS 6346

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be sectoral stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Armour Galvanized steel wires applied helically as per IEC 60502-1 or BS 6346.

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm	mm
3 x 25	1.2	1.6	1.8	24
3 x 35	1.2	1.6	1.8	26
3 x 50	1.4	1.6	2.0	30
3 x 70	1.4	2.0	2.1	34
3 x 95	1.6	2.0	2.2	38
3 x 120	1.6	2.0	2.3	40
3 x 150	1.8	2.5	2.5	46
3 x 185	2.0	2.5	2.7	50
3 x 240	2.2	2.5	2.9	55
3 x 300	2.4	2.5	3.1	60

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

PVC Insulated, PVC Sheathed Armoured Cables
AL / PVC / SWA / PVC Four Core

Standard : IEC 60502-1, BS 6346

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be sectoral stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Armour Galvanized steel wires applied helically as per IEC 60502-1 or BS 6346.

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm	mm
4 x 25	1.2	1.6	1.8	28
4 x 35	1.2	1.6	1.9	30
4 x 50	1.4	2.0	2.1	36
4 x 70	1.4	2.0	2.2	39
4 x 95	1.6	2.5	2.4	45
4 x 120	1.6	2.5	2.5	49
4 x 150	1.8	2.5	2.7	54
4 x 185	2.0	2.5	2.9	59
4 x 240	2.2	2.5	3.1	65
4 x 300	2.4	2.5	3.3	71

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

PVC Insulated, PVC Sheathed Armoured Cables
AL / PVC / SWA / PVC Five Core

Standard : IEC 60502-1, BS 6346

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be circular stranded compacted.

Insulation PVC insulation type A as per IEC 60502-1 or type TI1 as per BS EN 50363 temperature rating 70 °C.
(PVC 90 °C is available on request).

Armour Galvanized steel wires applied helically as per IEC 60502-1 or BS 6346.

Outer Sheath : PVC outer sheath type ST1 as per IEC 60502-1 or type TM1 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm	mm
5 x 25	1.2	1.6	1.9	32
5 x 35	1.2	2.0	2.0	36
5 x 50	1.4	2.0	2.2	42
5 x 70	1.4	2.0	2.3	46

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

XLPE Insulated, PVC Sheathed Unarmoured Cables
AL / XLPE / PVC Single Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be circular stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1, GP 8 as per BS 7655 temperature rating 90 °C.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363 .

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm
1 x 25	0.9	1.4	11
1 x 35	0.9	1.4	12
1 x 50	1.0	1.4	14
1 x 70	1.1	1.4	15
1 x 95	1.1	1.5	17
1 x 120	1.2	1.5	19
1 x 150	1.4	1.6	21
1 x 185	1.6	1.6	23
1 x 240	1.7	1.7	26
1 x 300	1.8	1.8	28
1 x 400	2.0	1.9	32
1 x 500	2.2	2.0	35
1 x 630	2.4	2.2	40

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

XLPE Insulated, PVC Sheathed Unarmoured Cables
AL / XLPE / PVC Two Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be circular stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1, GP 8 as per BS 7655 temperature rating 90 °C.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363 .

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm
2 x 25	0.9	1.8	22
2 x 35	0.9	1.8	24
2 x 50	1.0	1.8	27
2 x 70	1.1	1.8	30
2 x 95	1.1	2.0	34
2 x 120	1.2	2.1	38
2 x 150	1.4	2.2	42
2 x 185	1.6	2.3	47
2 x 240	1.7	2.5	52
2 x 300	1.8	2.7	57

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

XLPE Insulated, PVC Sheathed Unarmoured Cables
AL / XLPE / PVC Three Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be sectoral stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1, GP 8 as per BS 7655 temperature rating 90 °C.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363 .

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm
3 x 25	0.9	1.8	19
3 x 35	0.9	1.8	20
3 x 50	1.0	1.8	23
3 x 70	1.1	1.9	26
3 x 95	1.1	2.0	29
3 x 120	1.2	2.1	32
3 x 150	1.4	2.3	36
3 x 185	1.6	2.4	40
3 x 240	1.7	2.6	45
3 x 300	1.8	2.7	49

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

XLPE Insulated, PVC Sheathed Unarmoured Cables
AL / XLPE / PVC Four Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be sectoral stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1, GP 8 as per BS 7655 temperature rating 90 °C.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363 .

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm
4 x 25	0.9	1.8	22
4 x 35	0.9	1.8	24
4 x 50	1.0	1.8	28
4 x 70	1.1	2.0	32
4 x 95	1.1	2.1	36
4 x 120	1.2	2.3	40
4 x 150	1.4	2.4	44
4 x 185	1.6	2.6	49
4 x 240	1.7	2.8	55
4 x 300	1.8	3.0	60

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

XLPE Insulated, PVC Sheathed Unarmoured Cables
AL / XLPE / PVC Five Core

Standard : IEC 60502-1

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be circular stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1, GP 8 as per BS 7655 temperature rating 90 °C.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363 .

Applications : For outdoor and indoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution.

Nominal Area	Nominal Insulation Thickness	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm
5 x 25	0.9	1.8	27
5 x 35	0.9	1.8	30
5 x 50	1.0	2.0	35
5 x 70	1.0	2.1	40

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

XLPE Insulated, PVC Sheathed Armoured Cables
AL / XLPE / AWA / PVC Single Core

Standard : IEC 60502-1, BS 5467

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be circular stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1 , GP 8 as per BS 7655 temperature rating 90 °C.

Armour Aluminum wires applied helically as per IEC 60502-1 or BS 5467.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Aluminum Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm	mm
1 x 50	1.0	1.25	1.8	19
1 x 70	1.1	1.25	1.8	21
1 x 95	1.1	1.25	1.8	22
1 x 120	1.2	1.60	1.8	25
1 x 150	1.4	1.60	1.8	27
1 x 185	1.6	1.60	1.8	29
1 x 240	1.7	1.60	1.9	31
1 x 300	1.8	1.60	1.9	34
1 x 400	2.0	2.00	2.1	39
1 x 500	2.2	2.00	2.2	42
1 x 630	2.4	2.00	2.3	46

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

XLPE Insulated, PVC Sheathed Armoured Cables
AL / XLPE / SWA / PVC Two Core

Standard : IEC 60502-1, BS 5467

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be circular stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1 , GP 8 as per BS 7655 temperature rating 90 °C.

Armour Galvanized steel wires applied helically as per IEC 60502-1 or BS 5467.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm	mm
2 x 25	0.9	1.6	1.8	25
2 x 35	0.9	1.6	1.8	27
2 x 50	1.0	1.6	1.8	30
2 x 70	1.1	1.6	2.0	34
2 x 95	1.1	2.0	2.1	39
2 x 120	1.2	2.0	2.2	42
2 x 150	1.4	2.0	2.3	46
2 x 185	1.6	2.5	2.5	52
2 x 240	1.7	2.5	2.7	57
2 x 300	1.8	2.5	2.8	63

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

XLPE Insulated, PVC Sheathed Armoured Cables
AL / XLPE / SWA / PVC Three Core

Standard : IEC 60502-1, BS 5467

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be sectoral stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1 , GP 8 as per BS 7655 temperature rating 90 °C.

Armour Galvanized steel wires applied helically as per IEC 60502-1 or BS 5467.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm	mm
3 x 25	0.9	1.6	1.8	23
3 x 35	0.9	1.6	1.8	25
3 x 50	1.0	1.6	1.9	28
3 x 70	1.1	2.0	2.0	32
3 x 95	1.1	2.0	2.2	36
3 x 120	1.2	2.0	2.3	39
3 x 150	1.4	2.5	2.5	44
3 x 185	1.6	2.5	2.6	48
3 x 240	1.7	2.5	2.8	53
3 x 300	1.8	2.5	3.0	57

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

XLPE Insulated, PVC Sheathed Armoured Cables
AL / XLPE / SWA / PVC Four Core

Standard : IEC 60502-1, BS 5467

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be sectoral stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1 , GP 8 as per BS 7655 temperature rating 90 °C.

Armour Galvanized steel wires applied helically as per IEC 60502-1 or BS 5467.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm ^{2}	mm	mm	mm	mm
4 x 25	0.9	1.6	1.8	26
4 x 35	0.9	1.6	1.9	29
4 x 50	1.0	1.6	2.0	33
4 x 70	1.1	2.0	2.2	38
4 x 95	1.1	2.0	2.3	42
4 x 120	1.2	2.5	2.5	47
4 x 150	1.4	2.5	2.6	52
4 x 185	1.6	2.5	2.8	57
4 x 240	1.7	2.5	3.0	63
4 x 300	1.8	2.5	3.2	68

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.

XLPE Insulated, PVC Sheathed Armoured Cables
AL / XLPE / SWA / PVC Five Core

Standard : IEC 60502-1, BS 5467

Rated Voltage : 0.6/1 KV

Conductor : Class 2 stranded aluminum as per IEC 60228, BS EN 60228.

Shape of Conductor Conductor shall be circular stranded compacted.

Insulation Cross-linked polyethylene (XLPE) insulation as per IEC 60502-1 , GP 8 as per BS 7655 temperature rating 90 °C.

Armour Galvanized steel wires applied helically as per IEC 60502-1 or BS 5467.

Outer Sheath : PVC outer sheath type ST2 as per IEC 60502-1 or type 9 as per BS EN 50363.

Applications : For outdoor installations in damp and wet locations. They are normally used for power distribution in urban networks, industrial plants and energy distribution where mechanical damage expected to occur.

Nominal Area	Nominal Insulation Thickness	Nominal Steel Wire Diameter	Nominal Outer Sheath Thickness	Approx. Overall Diameter*
No. x mm²	mm	mm	mm	mm
5 x 25	0.9	1.6	1.8	30
5 x 35	0.9	1.6	1.9	33
5 x 50	1.0	2.0	2.1	39
5 x 70	1.1	2.0	2.3	44

* The Approx. overall diameter is subject to a tolerance of (-2/+8)%.

Features : Excellent mechanical protection.