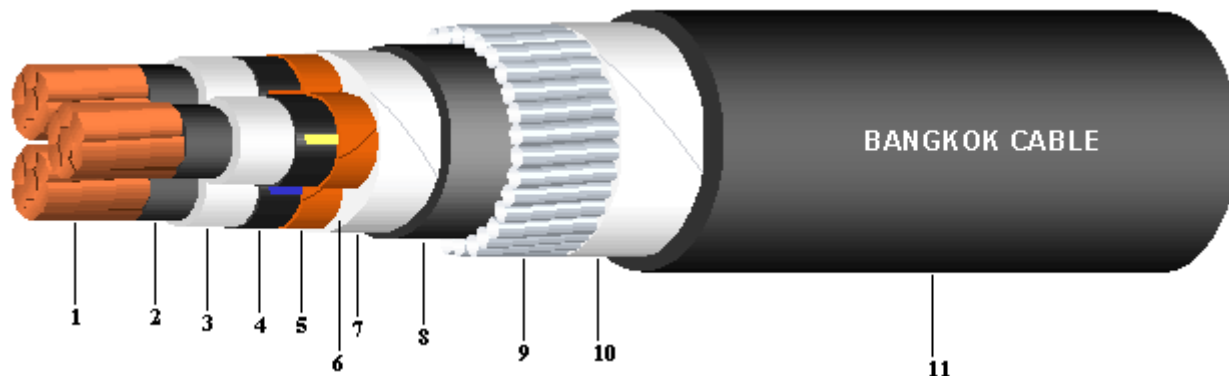


3.6/6(7.2) kV CV-SWA (CE Optional)*

IEC 60502-2 (3 CORE)



Construction :

1. Conductor : Compact round stranded annealed copper wires
2. Conductor screen : Semi-conductive Cross-linked polyethylene (XLPE) compound
3. Insulation : Cross-linked polyethylene (XLPE)
4. Insulation screen : Semi-conductive Cross-linked polyethylene (XLPE) compound
5. Metallic screen : Copper tape
6. Filler : Polypropylene (Non-hygroscopic material)
7. Binding tape : Polyester / Spunbond tape
8. Inner sheath : Polyvinyl chloride (PVC), (Optional : PE)*
9. Armour : Galvanized steel wires (Option : Steel tape)
10. Binding tape : Polyester / Spunbond tape
11. Outer sheath : Polyvinyl chloride (PVC), (Optional : PE)*

Application :

For general purpose power distribution in dry and wet location, installation in exposed, in conduit or duct or direct burial in ground.

Size	Conductor		Insulation thickness nominal	Diameter over insulation (Approx.)	Inner Sheath thickness nominal	Galvanized steel wire diameter	Diameter over armour (Approx.)	Outer Sheath thickness nominal	Overall diameter approx	Maximum DC. Conductor resistance at 20°C	Current rating in air	Cable weight (Approx.)	Standard length
mm ²	Number of wires (Min.)	Diameter (Approx.)											
mm ²		mm	mm	mm.	mm	mm	mm.	mm	mm	ohm/km	A	kg/km	m
10	6	3.72	2.5	10.1	1.2	2.00	33.0	2.1	39	1.83	80	2570	500
16	6	4.69	2.5	11.0	1.2	2.00	35.0	2.2	41	1.15	110	2940	500
25	6	5.90	2.5	12.3	1.2	2.00	37.5	2.3	44	0.727	145	3470	500
35	6	6.95	2.5	13.3	1.3	2.50	41.0	2.4	48	0.524	175	4410	500
50	6	8.33	2.5	14.7	1.3	2.50	44.0	2.5	51	0.387	210	5120	300
70	12	9.73	2.5	16.1	1.4	2.50	47.5	2.6	54	0.268	260	6080	300
95	15	11.43	2.5	17.8	1.4	2.50	51.0	2.8	58	0.193	315	7280	300
120	18	12.95	2.5	19.3	1.5	2.50	54.5	2.9	62	0.153	360	8460	250
150	18	14.27	2.5	20.6	1.6	2.50	57.5	3.0	66	0.124	405	9670	250
185	30	15.98	2.5	22.3	1.6	2.50	61.5	3.1	69	0.0991	465	11180	200
240	34	18.47	2.6	25.0	1.7	3.15	68.5	3.3	77	0.0754	545	14560	150
300	34	20.68	2.8	27.7	1.8	3.15	74.5	3.5	84	0.0601	615	17260	100