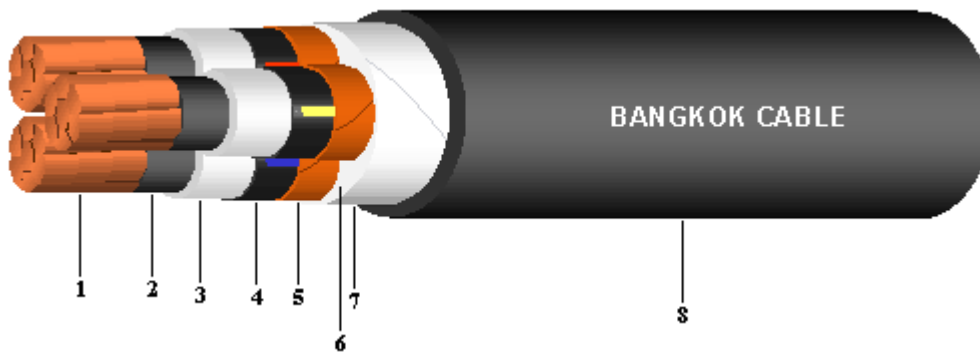


12/20(24) kV CV (CE Optional)*

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. 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 mm ²	Conductor		Insulation thickness nominal mm	Diameter over insulation (Approx.) mm.	Sheath thickness nominal mm	Overall diameter (Approx.) mm	Maximum DC. Conductor resistance at 20°C ohm/km	Current rating in air A	Cable weight (Approx.) kg/km	Standard length m
	Number of wires (Min.)	Diameter (Approx.) mm								
35	6	6.95	5.5	19.5	2.6	54	0.524	180	3280	500
50	6	8.33	5.5	20.9	2.7	57	0.387	215	3875	500
70	12	9.73	5.5	22.3	2.8	61	0.268	265	4705	500
95	15	11.43	5.5	24.0	2.9	65	0.193	325	5760	300
120	18	12.95	5.5	25.5	3.0	68	0.153	370	6757	300
150	18	14.27	5.5	26.9	3.1	71	0.124	420	7810	300
185	30	15.98	5.5	28.6	3.3	76	0.0991	485	9240	250
240	34	18.47	5.5	31.7	3.4	83	0.0754	575	11490	200
300	34	20.68	5.5	33.9	3.6	88	0.0601	660	13745	150