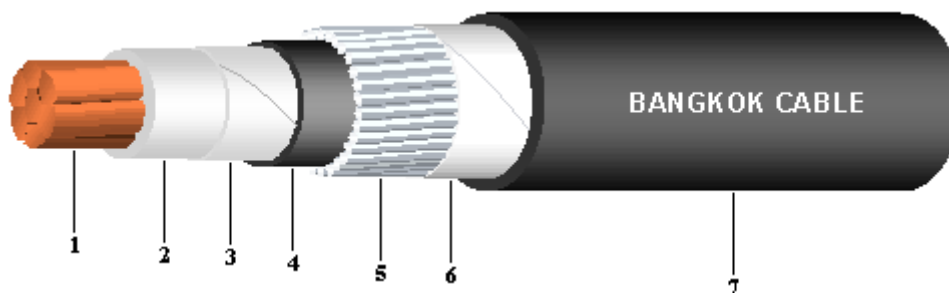


1.8/3(3.6) kV CV-AWA (CE Optional)*

IEC 60502-1 (1 CORE)



Construction :

1. Conductor : Compact round stranded annealed copper wires
2. Insulation : Cross-linked polyethylene (XLPE)
3. Binding tape : Polyester / Spunbond tape
4. Inner sheath : Polyvinyl chloride (PVC), (Optional : PE)*
5. Armour : Hard-drawn aluminium wires
6. Binding tape : Polyester / Spunbond tape
7. 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 mm ²	Conductor		Thickness of Insulation (Nominal) mm	Thickness of Inner Sheath (Approx.) mm	Diameter of Armour wires (Nominal) mm	Thickness of Outer Sheath (Nominal) mm	Overall diameter (Approx.) mm	Maximum DC. Conductor resistance at 20°C ohm/km	Current rating in air A	Cable weighth (Approx.) kg/km	Standard packing length m
	Number of wires (Min.)	Diameter (Approx.) mm									
10	6	3.72	2.0	1.0	0.8	1.4	17	1.83	82	280	500
16	6	4.69	2.0	1.0	1.25	1.5	19	1.15	105	410	500
25	6	5.90	2.0	1.0	1.25	1.5	20	0.727	140	530	500
35	6	6.95	2.0	1.0	1.25	1.5	21	0.524	170	640	500
50	6	8.33	2.0	1.0	1.25	1.6	23	0.387	205	800	500
70	12	9.73	2.0	1.0	1.6	1.7	25	0.268	260	1080	500
95	15	11.43	2.0	1.0	1.6	1.7	27	0.193	320	1380	500
120	18	12.95	2.0	1.0	1.6	1.8	29	0.153	370	1670	500
150	18	14.27	2.0	1.0	1.6	1.8	30	0.124	420	1970	500
185	30	15.98	2.0	1.0	1.6	1.9	32	0.0991	485	2380	500
240	34	18.47	2.0	1.0	1.6	1.9	35	0.0754	575	3000	500
300	34	20.68	2.0	1.0	2.0	2.0	38	0.0601	665	3750	500
400	53	23.39	2.0	1.2	2.0	2.2	42	0.0470	775	4680	500
500	53	26.67	2.2	1.2	2.0	2.3	46	0.0366	900	5900	300
630	53	30.22	2.4	1.2	2.5	2.4	51	0.0283	1045	7610	300
800	53	34.00	2.6	1.4	2.5	2.6	57	0.0221	1190	9590	250