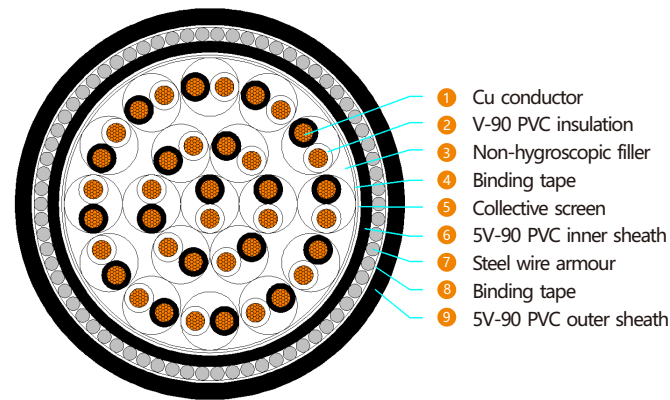


# PVC/AL-PET/PVC/SWA/PVC Overall Screened Pairs



## Properties:

Referenced standard	BS EN 502887
Rated voltages	300V, 500V
Max. operating temperature of conductor	70°C

## Application:

Suitable to be used in duct, cable tray or conduit for control, communication, data (analog/digital) and voice transmission signals.

## Structural Parameters:

No. of pairs	Nominal conductor area mm <sup>2</sup>	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of inner sheath mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
2	0.5	7/0.30	0.44	0.9	1.4	17.3	387	310
3	0.5	7/0.30	0.44	1.0	1.4	18.1	429	330
4	0.5	7/0.30	0.44	1.0	1.4	19.1	486	340
5	0.5	7/0.30	0.44	1.0	1.4	20.2	541	360
6	0.5	7/0.30	0.44	1.1	1.5	21.8	611	390
7	0.5	7/0.30	0.44	1.1	1.5	21.8	620	390
8	0.5	7/0.30	0.44	1.1	1.5	23.5	697	420
10	0.5	7/0.30	0.44	1.2	1.5	25.8	827	460
12	0.5	7/0.30	0.44	1.2	1.6	26.6	886	480
15	0.5	7/0.30	0.44	1.2	1.6	29.3	1159	530
20	0.5	7/0.30	0.44	1.3	1.7	32.2	1405	580
30	0.5	7/0.30	0.44	1.4	1.8	36.7	1788	660
2	0.75	7/0.37	0.44	1.0	1.4	18.0	424	320
3	0.75	7/0.37	0.44	1.0	1.4	18.7	464	340
4	0.75	7/0.37	0.44	1.0	1.4	19.7	528	360

No. of pairs	Nominal conductor area mm <sup>2</sup>	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of inner sheath mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
5	0.75	7/0.37	0.44	1.1	1.5	21.3	611	380
6	0.75	7/0.37	0.44	1.1	1.5	22.5	666	400
7	0.75	7/0.37	0.44	1.1	1.5	22.5	679	400
8	0.75	7/0.37	0.44	1.1	1.5	24.3	769	440
10	0.75	7/0.37	0.44	1.2	1.6	27.7	1051	500
12	0.75	7/0.37	0.44	1.2	1.6	28.3	1119	510
15	0.75	7/0.37	0.44	1.3	1.7	30.9	1322	560
20	0.75	7/0.37	0.44	1.4	1.7	33.7	1578	610
30	0.75	7/0.37	0.44	1.5	1.8	38.5	2030	690
2	1.0	7/0.40	0.44	1.0	1.4	18.6	457	340
3	1.0	7/0.40	0.44	1.0	1.4	19.3	504	350
4	1.0	7/0.40	0.44	1.0	1.4	20.4	575	370
5	1.0	7/0.40	0.44	1.1	1.5	22.1	673	400
6	1.0	7/0.40	0.44	1.1	1.5	23.4	733	420
7	1.0	7/0.40	0.44	1.1	1.5	23.4	750	420
8	1.0	7/0.40	0.44	1.2	1.5	25.5	865	460
10	1.0	7/0.40	0.44	1.2	1.6	28.8	1164	520
12	1.0	7/0.40	0.44	1.3	1.6	29.7	1254	540
15	1.0	7/0.40	0.44	1.3	1.7	32.3	1469	580
20	1.0	7/0.40	0.44	1.4	1.7	35.2	1771	630
30	1.0	7/0.40	0.44	1.6	1.9	40.8	2333	730
2	1.5	7/0.50	0.44	1.0	1.4	19.5	512	350
3	1.5	7/0.50	0.44	1.0	1.4	20.3	571	360
4	1.5	7/0.50	0.44	1.1	1.5	21.9	677	390
5	1.5	7/0.50	0.44	1.1	1.5	23.3	767	420
6	1.5	7/0.50	0.44	1.2	1.5	24.9	858	450
7	1.5	7/0.50	0.44	1.2	1.5	24.9	883	450
8	1.5	7/0.50	0.44	1.2	1.6	28.0	1148	500
10	1.5	7/0.50	0.44	1.3	1.7	31.0	1382	560
12	1.5	7/0.50	0.44	1.3	1.7	31.8	1481	570
15	1.5	7/0.50	0.44	1.4	1.8	34.8	1750	630
20	1.5	7/0.50	0.44	1.5	1.8	38.0	2130	680
30	1.5	7/0.50	0.44	1.7	2.0	44.8	3061	810
2	2.5	7/0.67	0.53	1.1	1.5	22.0	656	400
3	2.5	7/0.67	0.53	1.1	1.5	23.0	749	410
4	2.5	7/0.67	0.53	1.2	1.5	24.7	878	440
5	2.5	7/0.67	0.53	1.2	1.6	27.2	1144	490
6	2.5	7/0.67	0.53	1.3	1.7	29.4	1291	530
7	2.5	7/0.67	0.53	1.3	1.7	29.4	1331	530
8	2.5	7/0.67	0.53	1.4	1.7	32.2	1537	580
10	2.5	7/0.67	0.53	1.5	1.8	35.9	1850	650
12	2.5	7/0.67	0.53	1.5	1.8	36.8	1991	660
15	2.5	7/0.67	0.53	1.6	1.9	41.1	2590	740
20	2.5	7/0.67	0.53	1.7	2.0	45.3	3170	820
30	2.5	7/0.67	0.53	1.9	2.2	52.8	4200	950