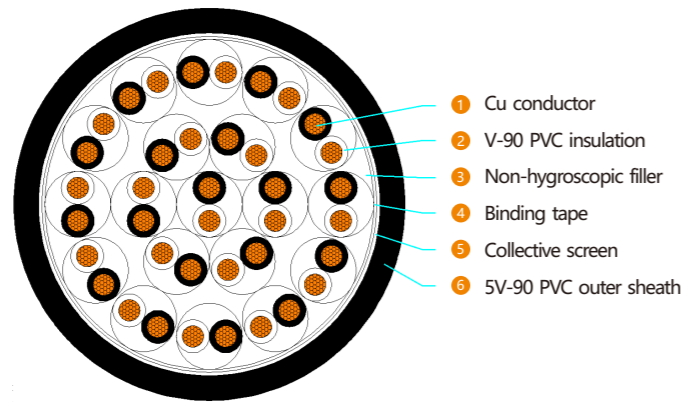


PVC/AL-PET/PVC Overall Screened Pairs



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 ² | No. & diameter of conductor wire No./mm | Nominal thickness of insulation 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 | 12.3 | 116 | 70 |
| 3 | 0.5 | 7/0.30 | 0.44 | 1.0 | 13.1 | 141 | 80 |
| 4 | 0.5 | 7/0.30 | 0.44 | 1.0 | 14.1 | 170 | 80 |
| 5 | 0.5 | 7/0.30 | 0.44 | 1.0 | 15.2 | 201 | 90 |
| 6 | 0.5 | 7/0.30 | 0.44 | 1.1 | 16.5 | 226 | 100 |
| 7 | 0.5 | 7/0.30 | 0.44 | 1.1 | 16.5 | 235 | 100 |
| 8 | 0.5 | 7/0.30 | 0.44 | 1.1 | 18.2 | 273 | 110 |
| 10 | 0.5 | 7/0.30 | 0.44 | 1.2 | 20.5 | 342 | 120 |
| 12 | 0.5 | 7/0.30 | 0.44 | 1.2 | 21.1 | 375 | 130 |
| 15 | 0.5 | 7/0.30 | 0.44 | 1.2 | 23.2 | 456 | 140 |
| 20 | 0.5 | 7/0.30 | 0.44 | 1.3 | 25.8 | 596 | 230 |
| 30 | 0.5 | 7/0.30 | 0.44 | 1.4 | 30.1 | 824 | 270 |
| 2 | 0.75 | 7/0.37 | 0.44 | 1.0 | 13.0 | 137 | 80 |
| 3 | 0.75 | 7/0.37 | 0.44 | 1.0 | 13.6 | 162 | 80 |
| 4 | 0.75 | 7/0.37 | 0.44 | 1.0 | 14.7 | 197 | 90 |

| No. of pairs | Nominal conductor area mm ² | No. & diameter of conductor wire No./mm | Nominal thickness of insulation 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 | 16.0 | 240 | 100 |
| 6 | 0.75 | 7/0.37 | 0.44 | 1.1 | 17.3 | 265 | 100 |
| 7 | 0.75 | 7/0.37 | 0.44 | 1.1 | 17.3 | 277 | 100 |
| 8 | 0.75 | 7/0.37 | 0.44 | 1.1 | 19.1 | 321 | 110 |
| 10 | 0.75 | 7/0.37 | 0.44 | 1.2 | 21.5 | 404 | 130 |
| 12 | 0.75 | 7/0.37 | 0.44 | 1.2 | 22.2 | 445 | 130 |
| 15 | 0.75 | 7/0.37 | 0.44 | 1.3 | 24.6 | 555 | 150 |
| 20 | 0.75 | 7/0.37 | 0.44 | 1.4 | 27.3 | 725 | 250 |
| 30 | 0.75 | 7/0.37 | 0.44 | 1.5 | 31.9 | 1008 | 290 |
| 2 | 1.0 | 7/0.40 | 0.44 | 1.0 | 13.6 | 156 | 80 |
| 3 | 1.0 | 7/0.40 | 0.44 | 1.0 | 14.3 | 187 | 90 |
| 4 | 1.0 | 7/0.40 | 0.44 | 1.0 | 15.4 | 229 | 90 |
| 5 | 1.0 | 7/0.40 | 0.44 | 1.1 | 16.8 | 280 | 100 |
| 6 | 1.0 | 7/0.40 | 0.44 | 1.1 | 18.1 | 309 | 110 |
| 7 | 1.0 | 7/0.40 | 0.44 | 1.1 | 18.1 | 326 | 110 |
| 8 | 1.0 | 7/0.40 | 0.44 | 1.2 | 20.3 | 387 | 120 |
| 10 | 1.0 | 7/0.40 | 0.44 | 1.2 | 22.7 | 476 | 140 |
| 12 | 1.0 | 7/0.40 | 0.44 | 1.3 | 23.6 | 538 | 140 |
| 15 | 1.0 | 7/0.40 | 0.44 | 1.3 | 26.0 | 658 | 230 |
| 20 | 1.0 | 7/0.40 | 0.44 | 1.4 | 28.9 | 864 | 260 |
| 30 | 1.0 | 7/0.40 | 0.44 | 1.6 | 34.0 | 1223 | 310 |
| 2 | 1.5 | 7/0.50 | 0.44 | 1.0 | 14.5 | 188 | 90 |
| 3 | 1.5 | 7/0.50 | 0.44 | 1.1 | 16.9 | 314 | 100 |
| 4 | 1.5 | 7/0.50 | 0.44 | 1.1 | 18.3 | 392 | 110 |
| 5 | 1.5 | 7/0.50 | 0.44 | 1.2 | 20.0 | 482 | 120 |
| 6 | 1.5 | 7/0.50 | 0.44 | 1.2 | 21.7 | 542 | 130 |
| 7 | 1.5 | 7/0.50 | 0.44 | 1.4 | 26.9 | 798 | 240 |
| 8 | 1.5 | 7/0.50 | 0.44 | 1.5 | 30.3 | 936 | 270 |
| 10 | 1.5 | 7/0.50 | 0.44 | 1.6 | 34.4 | 1172 | 310 |
| 12 | 1.5 | 7/0.50 | 0.44 | 1.3 | 25.4 | 685 | 230 |
| 15 | 1.5 | 7/0.50 | 0.44 | 1.4 | 28.2 | 854 | 250 |
| 20 | 1.5 | 7/0.50 | 0.44 | 1.5 | 31.5 | 1123 | 280 |
| 30 | 1.5 | 7/0.50 | 0.44 | 1.7 | 37.1 | 1597 | 330 |
| 2 | 2.5 | 7/0.67 | 0.53 | 1.1 | 16.8 | 269 | 100 |
| 3 | 2.5 | 7/0.67 | 0.53 | 1.1 | 17.7 | 333 | 110 |
| 4 | 2.5 | 7/0.67 | 0.53 | 1.2 | 19.5 | 422 | 120 |
| 5 | 2.5 | 7/0.67 | 0.53 | 1.2 | 21.1 | 509 | 130 |
| 6 | 2.5 | 7/0.67 | 0.53 | 1.3 | 23.1 | 578 | 140 |
| 7 | 2.5 | 7/0.67 | 0.53 | 1.3 | 23.1 | 617 | 140 |
| 8 | 2.5 | 7/0.67 | 0.53 | 1.4 | 25.9 | 727 | 230 |
| 10 | 2.5 | 7/0.67 | 0.53 | 1.5 | 29.3 | 913 | 260 |
| 12 | 2.5 | 7/0.67 | 0.53 | 1.5 | 30.3 | 1025 | 270 |
| 15 | 2.5 | 7/0.67 | 0.53 | 1.6 | 33.6 | 1278 | 300 |
| 20 | 2.5 | 7/0.67 | 0.53 | 1.7 | 37.5 | 1684 | 340 |
| 30 | 2.5 | 7/0.67 | 0.53 | 2.1 | 50.3 | 3487 | 450 |