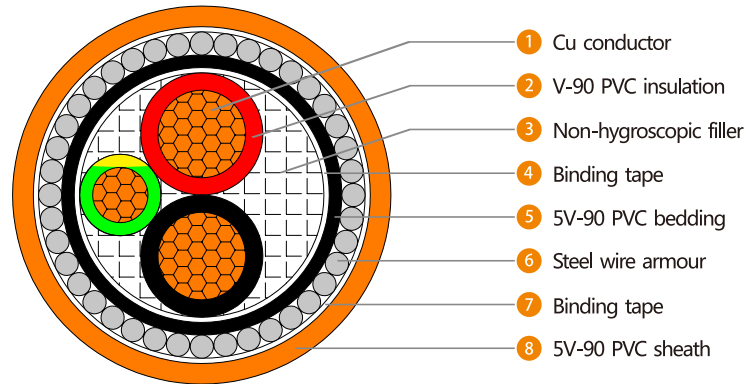


PVC/PVC/SWA/PVC Circular 2 Core & Earth



Properties:

| | |
|---|---------------|
| Rated voltage | 0.6/1kV |
| Max. operating temperature of conductor: | 90°C |
| Max. short-circuit operation temperature of conductor (5s Max. duration): | 160°C |
| Min. temperature for installing without preheating: | +0°C |
| Standard | AS/NZS 5000.1 |

Structural Parameters:

| Nominal conductor area mm ² | Nominal earth conductor area mm ² | Approx. diameter of phase conductor mm | Conductor Type | Approx. diameter of earth conductor mm | Conductor Type | Nominal thickness of insulation of phase conductor mm | Nominal thickness of insulation of earth conductor mm | Nominal diameter over bedding mm | Nominal diameter over armour mm | Nominal thickness of outer sheath mm | Approx. overall diameter of cable mm | Approx. weight of cable kg/km |
|---|---|---|----------------|---|----------------|--|--|-------------------------------------|------------------------------------|---|---|----------------------------------|
| 1.5 | 1.5 | 1.5 | Stranded Cu | 1.5 | Stranded Cu | 0.8 | 0.8 | 9.5 | 11.1 | 1.8 | 17.1 | 379 |
| 2.5 | 2.5 | 2.0 | Stranded Cu | 2.0 | Stranded Cu | 0.8 | 0.8 | 10.6 | 12.2 | 1.8 | 18.2 | 445 |
| 4 | 2.5 | 2.5 | Stranded Cu | 2.0 | Stranded Cu | 1.0 | 0.8 | 12.0 | 13.6 | 1.8 | 19.6 | 534 |
| 6 | 2.5 | 3.1 | Stranded Cu | 2.0 | Stranded Cu | 1.0 | 0.8 | 13.1 | 15.6 | 1.8 | 22.0 | 740 |
| 10 | 4 | 3.8 | Compact Cu | 2.5 | Stranded Cu | 1.0 | 1.0 | 14.6 | 17.1 | 1.8 | 23.5 | 910 |
| 16 | 6 | 4.8 | Compact Cu | 3.1 | Stranded Cu | 1.0 | 1.0 | 16.5 | 19.0 | 1.8 | 25.5 | 1121 |
| 25 | 6 | 6.0 | Compact Cu | 3.1 | Stranded Cu | 1.2 | 1.0 | 19.6 | 22.8 | 1.8 | 29.3 | 1593 |
| 35 | 10 | 7.0 | Compact Cu | 3.8 | Compact Cu | 1.2 | 1.0 | 21.6 | 24.8 | 1.8 | 31.3 | 1909 |
| 50 | 16 | 8.1 | Compact Cu | 4.8 | Compact Cu | 1.4 | 1.0 | 24.6 | 27.8 | 1.9 | 34.5 | 2395 |
| 70 | 25 | 9.9 | Compact Cu | 6.0 | Compact Cu | 1.4 | 1.2 | 28.2 | 32.2 | 2.0 | 39.1 | 3311 |
| 95 | 25 | 11.5 | Compact Cu | 6.0 | Compact Cu | 1.6 | 1.2 | 32.8 | 36.8 | 2.2 | 44.1 | 4177 |
| 120 | 35 | 12.9 | Compact Cu | 7.0 | Compact Cu | 1.6 | 1.2 | 36.0 | 40.0 | 2.3 | 47.7 | 4962 |
| 150 | 50 | 14.4 | Compact Cu | 8.1 | Compact Cu | 1.8 | 1.4 | 39.7 | 44.7 | 2.4 | 52.9 | 6302 |
| 185 | 70 | 16.1 | Compact Cu | 9.9 | Compact Cu | 2.0 | 1.4 | 44.2 | 49.2 | 2.6 | 58.0 | 7647 |
| 240 | 95 | 18.4 | Compact Cu | 11.5 | Compact Cu | 2.2 | 1.6 | 49.6 | 54.6 | 2.8 | 64.1 | 9535 |
| 300 | 120 | 20.6 | Compact Cu | 12.9 | Compact Cu | 2.4 | 1.6 | 55.2 | 60.2 | 2.9 | 70.2 | 11467 |
| 400 | 120 | 23.4 | Compact Cu | 12.9 | Compact Cu | 2.6 | 1.6 | 62.1 | 67.1 | 3.2 | 78.1 | 13774 |