## 90 E/N/P/C    Silicone Insulated Compensating and Extension Cable with Screening

**Application:** These cables are suitable for installations in dry, humid and wet locations as temperature measuring cables for areas such as the plastic industry in machine engineering, industrial oven construction as well as blast furnace plants in the steel industry. PVC-, fibre-glass- and asbestos-substitute insulated or sheathed compensating and extension cables are not suitable for open-air use except for the PVC-sheathed solid conductor type which can be used for underground laying, too.
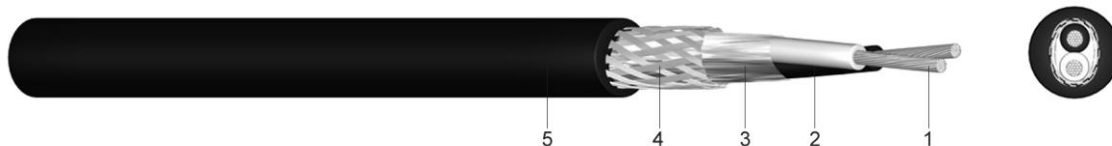


**Construction:**
1 ..... solid or fine-stranded conductor
   conductor material, depending on the kind of elements
2 ..... core insulation of silicone (2GI1)
3 ..... layer of plastic foil
4 ..... screening of an aluminium foil with drain wire
5 ..... outer sheath of silicone (2GM1)

**Standards:** IEC 60584 (core identification)
Core identification and temperatur ranges as download at: www.meinhart.at/service/download

**Technical data:**

| Temperature range | in motion | -25°C till +180°C |
| | fixed | -25°C till +180°C |
| | temporary resilient | +250°C |
| Flammability | standard | EN 60332-1-2 |

| Type Number ofcores cross section mm² | from stock | Materials per DIN 60584 | for thermo-couple | Conductor construct. appr.value mm | Form | Overall. dieameter appr. mm | Weight approx. kg / km |
|---|---|---|---|---|---|---|---|
| 90E 6L 2 x 1,5 | ○ | Fe-CuNi | Typ L | 48 x 0,20 | round | 8,0 | 94 |
| 90E 6L 2 x 1,5 | ○ | SoNiCr-SoNi | Typ K | 48 x 0,20 | round | 8,0 | 94 |
| 90E 6L 2 x 1,5 | ○ | SoPtRh-SoPt | Typ S | 48 x 0,20 | round | 8,0 | 94 |
| 90E 6L 2 x 1,5 | ○ | Cu-CuNi | Typ U | 48 x 0,20 | round | 8,0 | 94 |
| 90E 6L 2 x 1,5 | ○ | Fe-CuNi | Typ L | 1 x 1,38 | round | 7,8 | 92 |
| 90E 6L 2 x 1,5 | ○ | SoNiCr-SoNi | Typ K | 1 x 1,38 | round | 7,8 | 92 |
| 90E 6L 2 x 1,5 | ○ | SoPtRh-SoPt | Typ S | 1 x 1,38 | round | 7,8 | 92 |
| 90E 6L 2 x 1,5 | ○ | Cu-CuNi | Typ U | 1 x 1,38 | round | 7,8 | 92 |

Further cross-sections and core-quantities as well as standards and configurations upon request