

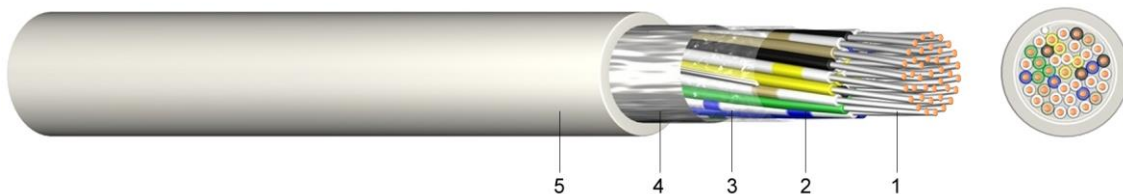


F-vYAY

Installation Cable for Telecommunication

Application:

They are suitable for fixed installation indoors and are used for telecommunication purposes.



Construction:

- 1 solid bare copper, \varnothing 0,5mm
- 2 core insulation of polyvinylchloride (PVC)
- 3 cores are stranded in concentric layers
- 4 static screen of aluminium foil
- 5 outer sheath of polyvinylchloride (PVC), grey

Standards:

according to ÖVE K35 - 1997 (core identification)

Technical data:

| | | | |
|----------------------------|---------------|-------------------|---------------------|
| Peak operating voltage | | [V] | 200 Veff / 300 Volt |
| Test voltage at 50 Hz | core / core | [V] _{AC} | 500 |
| | core / screen | [V] _{AC} | 2000 |
| Temperature range | in motion | | - 5°C till +50°C |
| | fixed | | -30°C till +70°C |
| Bending radius | in motion | x diameter | 15 |
| Flammability | standard | | EN 60332-2-2 |
| Insulation resistance | min. | [M Ω m/km] | 500 |
| Mutal capacitance | | [Ω m/km] | 195,6 |
| | max. | [nF/km] | 100 |
| Capacitance unbalance 100m | max | [pF] | 500 |

| Number of pairs and nominal conductor diameter mm | from stock | Copper figure kg/km | Insulation thickness mm | Overall diameter appr. mm | Weight appr. kg / km |
|---|------------|---------------------|-------------------------|---------------------------|----------------------|
| 2 x 2 x 0,5 | ● | 10 | 1,0 | 4,8 | 28 |
| 3 x 2 x 0,5 | ● | 14 | 1,0 | 5,2 | 33 |
| 5 x 2 x 0,5 | ● | 22 | 1,0 | 5,8 | 46 |
| 6 x 2 x 0,5 | ● | 25 | 1,0 | 6,3 | 53 |
| 10 x 2 x 0,5 | ● | 41 | 1,0 | 7,7 | 77 |
| 15 x 2 x 0,5 | ● | 61 | 1,0 | 9,0 | 107 |
| 20 x 2 x 0,5 | ● | 80 | 1,2 | 9,2 | 130 |
| 30 x 2 x 0,5 | ○ | 120 | 1,2 | 10,7 | 185 |
| 40 x 2 x 0,5 | ○ | 159 | 1,2 | 12,7 | 245 |
| 50 x 2 x 0,5 | ○ | 198 | 1,4 | 14,3 | 300 |
| 60 x 2 x 0,5 | ○ | 237 | 1,4 | 15,2 | 350 |
| 100 x 2 x 0,5 | ○ | 396 | 1,6 | 19,5 | 555 |