

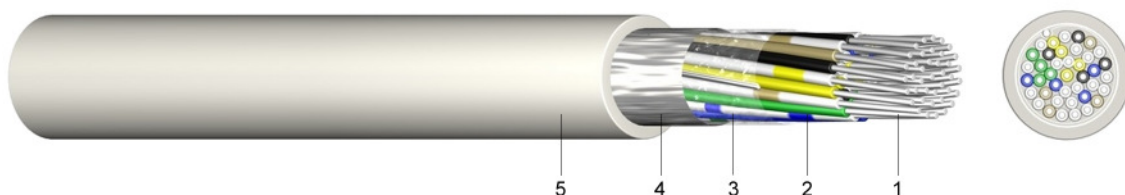
Datasheet F-vYAY

Version 1/2009

Installation Cable for Telecommunication

Application:

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



Construction:

- 1 solid bare copper, Ø 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

According to:

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.	[MΩm/km]	500
Mutal capacitance		[Ωm/km]	195,6
	max.	[nF/km]	100
Capacitance unbalance 100m	max	[pF]	500

Number of pairs and nominal conductor diameter mm	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