

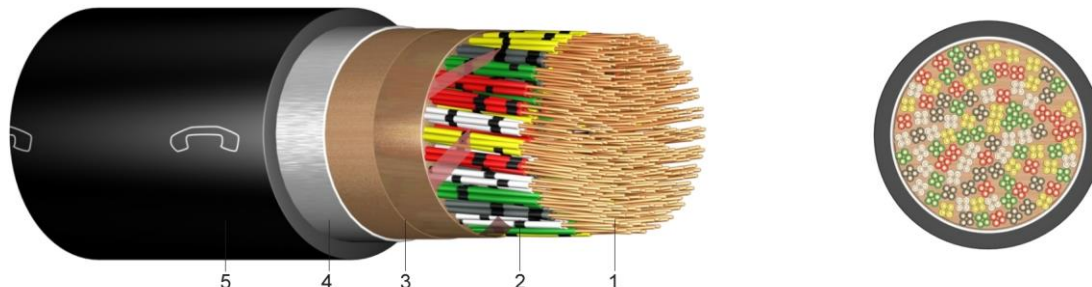


A-2YF(L)2Y

Plastic Insulated Telecommunication Cable for Local Networks, transver. and longitud.water-proof

Application:

Suitable for the installation into the earth, in conduits, cable ducts and are used as network cables in industrial and operational plants, mainly in LF-installations.



Construction:

- 1 solid bare copper, \varnothing 0,6/0,8mm
- 2 core insulation of polyethylene (PE)
- 3 the interstices of the cable are continuously filled with jelly, layer of plastic foil
- 4 static screen of plastic laminated aluminium tape
- 5 outer sheath of polyethylene (PE), black, UV-resistant

Information:

conductor loop resistance:

core- \varnothing 0,6mm 130,0 Ohm/km
 core- \varnothing 0,8mm 73,2 Ohm/km

Cores twisted to star-quads.

Standards:

DIN VDE 0816 (core identification)
 DIN EN 60228 class 1 (construction)

Technical data:

Peak operating voltage		[V]	225 Volt
Test voltage at 50 Hz	core / core	[V] _{AC}	500
	core / screen	[V] _{AC}	2000
Temperature range	in motion		-20°C till +50°C
	fixed		-20°C till +70°C
Bending radius	in motion	x diameter	15
Insulation resistance	min.	[M Ω m/km]	1500
Mutal capacitance	max.	[nF/km]	52
Capacitance unbalance 100m	max	[pF]	800

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 0,6	○	13	1,8	8,3	67
6 x 2 x 0,6	●	36	1,8	11,0	126
10 x 2 x 0,6	●	59	1,8	12,5	171
20 x 2 x 0,6	●	115	1,8	15,8	287
30 x 2 x 0,6	○	172	1,8	19,0	409
40 x 2 x 0,6	○	228	1,8	20,4	503
50 x 2 x 0,6	●	285	1,8	22,2	606
100 x 2 x 0,6	●	568	2,0	30,3	1.155
2 x 2 x 0,8	●	22	1,8	8,8	83
4 x 2 x 0,8	●	41	1,8	11,2	134
6 x 2 x 0,8	●	62	1,8	12,0	165



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
10 x 2 x 0,8	●	103	1,8	14,0	232
20 x 2 x 0,8	●	203	1,8	19,1	445
30 x 2 x 0,8	○	304	1,8	22,0	588
40 x 2 x 0,8	○	404	2,0	24,0	748
50 x 2 x 0,8	○	505	2,0	26,0	910
100 x 2 x 0,8	○	1.008	2,2	36,0	1.787
150 x 2 x 0,8	○	1.512	2,2	42,2	2.553