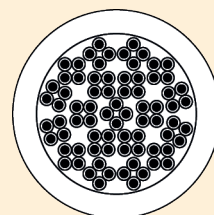
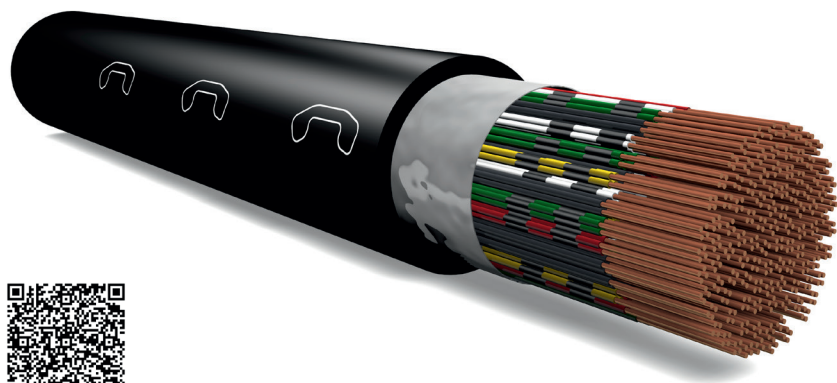


A2Y F (L)2Y...ST III Bd

Telephone subscriber line cable

RoHS

CROSS SECTION



Acc. to DIN VDE 0816

APPLICATION

Local connection cables for telecommunication systems in operating and industrial facilities for direct installation underground, in cable ducts and tubes. They are not authorised for heavy current installation purposes. The PE material is halogen free but not flame retardant. The black PE sheath is resistant to UV rays. The cable is transversally and longitudinally waterproof.

SPECIAL FEATURES

Sheath colour
Black, with continuous speaker icon

STRUCTURE

Conductor	Copper conductor, bare, solid, according to DIN VDE 0816 part 1, star quad bundled stranding, core wrapping
Cores	PE insulation according to VDE 0207 part 2, basic colours with black ring coating, 4 cores make a star quad, every 5 star quads are stranded into a basic bundle, every 5 or 10 basic bundles are stranded to form a main bundle
Filling	Petroleum jelly
Shield	Plastic-coated aluminium strip
Outer sheath	PE according to VDE 0207 part 2

TECHNICAL DATA

Nominal voltage	225 V
Test voltage	2000 V
Loop resistance	At 0.6 mm: 130 Ohm/km At 0.8 mm: 73.2 Ohm/km
Insulation resistance	5 GOhm x km
Cable attenuation	At 800 Hz.: for 0.6 mm: 1.0 dB/km for 0.8 mm: 0.8 dB/km
Max. operating temperature	+70°C resting -20°C to +50°C moving
Capacitive coupling	At 800 Hz < 800pF/300 m
Min. installation temperature	-20°C
Max. installation temperature	+50°C
Min. bending radius	7.5 x cable diameter, fixed installation 10 x cable diameter under tensile load

Product description	Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
A-2YF(L)2Y 2x2x0.6	11.0	9.0	80	4232001
A-2YF(L)2Y 4x2x0.6	23.0	12.0	140	4232002
A-2YF(L)2Y 6x2x0.6	34.0	13.0	150	4232003
A-2YF(L)2Y 10x2x0.6	57.0	13.5	190	4232004
A-2YF(L)2Y 20x2x0.6	113.0	16.5	310	4232005
A-2YF(L)2Y 30x2x0.6	170.0	19.5	430	4232006
A-2YF(L)2Y 40x2x0.6	226.0	21.5	545	4232007
A-2YF(L)2Y 50x2x0.6	283.0	23.5	660	4232008
A-2YF(L)2Y 70x2x0.6	396.0	27.0	895	4238009
A-2YF(L)2Y 100x2x0.6	565.0	31.5	1225	4232010
A-2YF(L)2Y 150x2x0.6	848.0	37.5	1780	4238011
A-2YF(L)2Y 200x2x0.6	1131.0	42.5	2315	4238012
A-2YF(L)2Y 250x2x0.6	1414.0	47.5	2895	4238013
A-2YF(L)2Y 300x2x0.6	1696.0	52.0	3480	4238014
A-2YF(L)2Y 350x2x0.6	1979.0	56.0	4000	4238015
A-2YF(L)2Y 400x2x0.6	2262.0	60.0	4550	4238016
A-2YF(L)2Y 500x2x0.6	2827.0	67.0	5690	4238017
A-2YF(L)2Y 2x2x0.8	20.0	10.0	100	4232501
A-2YF(L)2Y 4x2x0.8	40.0	13.5	190	4232502
A-2YF(L)2Y 6x2x0.8	60.0	14.5	195	4232503
A-2YF(L)2Y 10x2x0.8	101.0	15.5	275	4232504
A-2YF(L)2Y 20x2x0.8	201.0	20.0	475	4232505
A-2YF(L)2Y 30x2x0.8	302.0	23.0	665	4232506
A-2YF(L)2Y 40x2x0.8	402.0	26.5	860	4232507
A-2YF(L)2Y 50x2x0.8	503.0	28.5	1050	4232508
A-2YF(L)2Y 70x2x0.8	704.0	33.0	1420	4232509
A-2YF(L)2Y 100x2x0.8	1005.0	38.5	1985	4232510
A-2YF(L)2Y 150x2x0.8	1508.0	47.0	2935	4238511
A-2YF(L)2Y 200x2x0.8	2011.0	52.0	3800	4238512
A-2YF(L)2Y 250x2x0.8	2514.0	58.0	4590	4238513
A-2YF(L)2Y 300x2x0.8	3016.0	62.0	5480	4238514
A-2YF(L)2Y 350x2x0.8	3519.0	66.0	6350	4238515
A-2YF(L)2Y 400x2x0.8	4022.0	72.0	7350	4238516
A-2YF(L)2Y 500x2x0.8	5027.0	79.0	8920	4238517