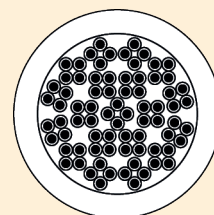
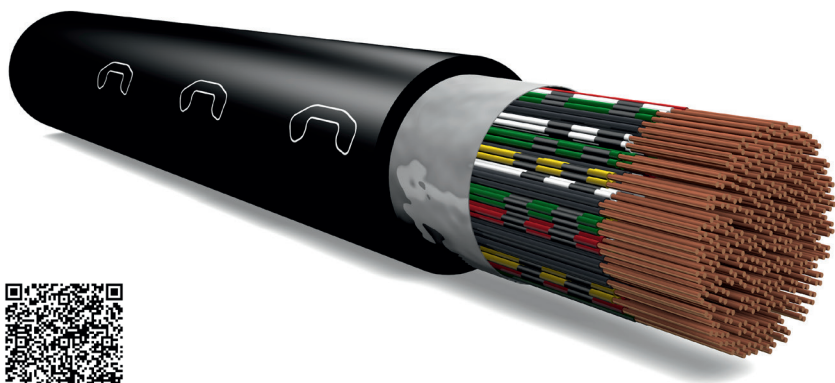


A2Y(L)2Y...ST III Bd

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 transversely waterproof.

STRUCTURE

Conductor	Copper conductor, bare, solid, according to DIN VDE 0816 part 1, star quad bundled stranding, core wrapping
Cores	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 Insulation: PE according to VDE 0207 part 2
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
Operating capacity (max.)	At 0.6 mm: 52 nF/km, At 0.8 mm: 55 nF/km
Insulation resistance	5 GOhm x km
Cable attenuation	At 800 Hz: for 0.6 mm: 1.0 for 0.8 mm: 0.8 dB/km
Max. operating temperature	+70°C
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

SPECIAL FEATURES

Sheath colour
Black, with continuous speaker icon

Product description	Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
A-2Y(L)2Y 2x2x0.6	11.0	9.0	80	4231001
A-2Y(L)2Y 4x2x0.6	23.0	12.0	125	4231002
A-2Y(L)2Y 6x2x0.6	34.0	13.0	130	4231003
A-2Y(L)2Y 10x2x0.6	57.0	13.5	170	4231004
A-2Y(L)2Y 20x2x0.6	113.0	16.0	265	4231005
A-2Y(L)2Y 30x2x0.6	170.0	18.0	350	4231006
A-2Y(L)2Y 40x2x0.6	226.0	20.0	440	4231007
A-2Y(L)2Y 50x2x0.6	283.0	21.0	520	4231008
A-2Y(L)2Y 70x2x0.6	396.0	25.0	700	4231009
A-2Y(L)2Y 100x2x0.6	565.0	28.0	930	4237010
A-2Y(L)2Y 150x2x0.6	848.0	33.0	1360	4237011
A-2Y(L)2Y 200x2x0.6	1131.0	38.0	1780	4237012
A-2Y(L)2Y 250x2x0.6	1414.0	41.5	2150	4237014
A-2Y(L)2Y 300x2x0.6	1696.0	44.5	2530	4237015
A-2Y(L)2Y 350x2x0.6	1979.0	48.0	2930	4237016
A-2Y(L)2Y 400x2x0.6	2262.0	51.0	3300	4237017
A-2Y(L)2Y 500x2x0.6	2827.0	56.0	4050	4237018
A-2Y(L)2Y 2x2x0.8	20.0	10.0	100	4231501
A-2Y(L)2Y 4x2x0.8	40.0	13.0	160	4231502
A-2Y(L)2Y 6x2x0.8	60.0	13.5	170	4231503
A-2Y(L)2Y 10x2x0.8	101.0	15.0	240	4231504
A-2Y(L)2Y 20x2x0.8	201.0	18.5	390	4231505
A-2Y(L)2Y 30x2x0.8	302.0	21.0	540	4231506
A-2Y(L)2Y 40x2x0.8	402.0	23.0	660	4231507
A-2Y(L)2Y 50x2x0.8	503.0	26.0	830	4231508
A-2Y(L)2Y 70x2x0.8	704.0	29.0	1100	4231509
A-2Y(L)2Y 100x2x0.8	1005.0	34.0	1500	4231510
A-2Y(L)2Y 150x2x0.8	1508.0	40.0	2200	4237511
A-2Y(L)2Y 200x2x0.8	2011.0	47.0	2900	4237512
A-2Y(L)2Y 250x2x0.8	2514.0	51.0	3550	4237513
A-2Y(L)2Y 300x2x0.8	3016.0	55.0	4200	4237514
A-2Y(L)2Y 350x2x0.8	3519.0	59.0	4900	4237515
A-2Y(L)2Y 400x2x0.8	4022.0	63.0	5500	4237516
A-2Y(L)2Y 500x2x0.8	5027.0	70.0	6800	4237517