



A-2Y(L)2Y..ST III BD

Construction

- Conductor: Copper, solid, bare, 0.6,/0.8 mm
- Core insulation: Polyethylene
- Core marking: according to DIN VDE 0816
- Stranding: four cores to the star quad, five star quads to the bundle, bundles in layers
- Wrapping: Plastic film
- Shielding: plastic-coated aluminum tape
- Sheath material: Polyethylene
- Sheath color: Black, RAL 9005
- Identification thread: VDE

Electrical Properties

- Loop resistance max.: 0.6 - 130 Ω /km
0.8 - 73.2 Ω /km
- Insulation resistance min.: 5 G Ω km at +20 °C
- Operating capacity: max. 52/55 nF/km (100% of all values)
max. 50/53 nF/km (95% of all values)
max. 48/50 nF/km (80% of all values) at 800 Hz
- Capacitive coupling K1: max. 800 pF/300 m (100% of all values)
max. 400 pF/300 m (98% of all values) at 800 Hz
- Capacitive coupling K9-12: max. 300 pF/300 m (100% of all values)
max. 100 pF/300 m (98% of all values) at 800 Hz
- Peak operating voltage: 225V/AC
- Test voltage: Core-core 500 V/AC
Core shield 2000 V/AC
at 50 Hz - 1 min
- Fixed temperature range: max. +70 °C
- Temperature range: -20°C to +50°C
- Min. bending radius fixed: 10xoutside $\emptyset$
- Min. bending radius moving: 10xoutside $\emptyset$

Application

As a connection and connection cable in industrial or private switchboard systems. Does not fall under the BauPVO.

Application: Suitable for outdoor and underground installation, not approved for high-voltage installations, cross-waterproof.

Chemical properties RoHS 2011/65/EU

dimension	Diameter approx. mm	Cableweight ca. kg/km	Cu-number kg/km	Articlenumber
2 x 2 x 0,6	7,8	60	11	4925022605
4 x 2 x 0,6	9,6	85	23	4925042605
6 x 2 x 0,6	10,0	105	34	4925062605

dimension	Diameter approx. mm	Cableweight ca. kg/km	Cu-number kg/km	Articlenumber
10 x 2 x 0,6	11,1	135	57	4925102605
20 x 2 x 0,6	15,1	230	113	4925202605
30 x 2 x 0,6	15,9	300	170	4925302605
40 x 2 x 0,6	17,1	375	226	4925402605
50 x 2 x 0,6	18,5	445	283	4925502605
70 x 2 x 0,6	20,3	580	396	4925702605
100 x 2 x 0,6	26,1	830	565	4925100265
150 x 2 x 0,6	30,6	1180	848	4925150265
200 x 2 x 0,6	33,5	1510	1131	4925200265
250 x 2 x 0,6	37,1	1870	1414	4925250265
300 x 2 x 0,6	39,3	2195	1696	4925300265
350 x 2 x 0,6	41,3	2515	1979	4925350265
400 x 2 x 0,6	52,6	2995	2262	4925400265
500 x 2 x 0,6	54,8	3620	2827	4925500265
2 x 2 x 0,8	8,5	75	20	4925022805
4 x 2 x 0,8	10,7	115	40	4925042805
6 x 2 x 0,8	11,1	140	60	4925062805
10 x 2 x 0,8	14,0	205	101	4925102805
20 x 2 x 0,8	17,7	345	201	4925202805
30 x 2 x 0,8	18,7	460	302	4925302805
40 x 2 x 0,8	20,3	580	402	4925402805
50 x 2 x 0,8	22,1	700	503	4925502805
70 x 2 x 0,8	24,4	945	704	4925702805
100 x 2 x 0,8	31,5	1340	1005	4925100285
150 x 2 x 0,8	37,0	1940	1508	4925150285

dimension	Diameter approx. mm	Cableweight ca. kg/km	Cu-number kg/km	Articlenumber
200 x 2 x 0,8	40,7	2510	2011	4925200285
250 x 2 x 0,8	45,6	3140	2514	4925250285
300 x 2 x 0,8	47,4	3680	3016	4925300285

- Further formats available on request
- All data and products subject to change