



CY-JZ, grey 0,50 mm²

Flexible electronics cable with protective conductor and overall copper braided screening;
preferred EMC compatible cable type

Construction

- Conductor: stranded bare Cu, fine wire
- Strand structure: to VDE 0295, class 5 or IEC 60228, cl. 5
- Core insulation: special PVC
- Core identification: black cores with printed onsecutive number coding
- Green-yellow protective conductor (3 cores and over) in the outer layer
- Cores twisted in layers, with optimal lay lengths
- Film lapping
- Braided screening made of tinned copper wires
- Outer sheath: special PVC
- Sheath color: RAL 7001, grey

Technical Data

- Peak operating voltage: 500 V
- Test voltage: 2.000 V
- Insulation resistance at +20°C: $\geq 20 \text{ MOhm} \times \text{km}$
- Bending radius: 15 x cable diameter
- Temperature range:
 - flexible -5°C to +70°C
 - stationary -30°C to +80°C

Properties

- Flame retardant to IEC 60332-1

Ø mm ²	Cu-Weight kg/km	Outer-Ø mm	Total weight kg/km	Article number
3 x 0,50	39,0	5,6	55,0	2740300500
4 x 0,50	46,0	6,3	61,0	2740400500
5 x 0,50	52,0	6,6	74,0	2740500500
7 x 0,50	68,0	7,6	98,0	2740700500
12 x 0,50	117,0	9,5	157,0	2741200500
14 x 0,50	122,0	10,4	190,0	2741400500
16 x 0,50	123,0	11,2	210,0	2741600500
18 x 0,50	156,0	11,0	217,0	2741800500
20 x 0,50	173,0	11,8	240,0	2742000500

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total weight kg/km	Article number
21 x 0,50	189,0	12,3	250,0	2742100500
24 x 0,50	236,0	13,0	300,0	2742400500
25 x 0,50	250,0	13,6	314,0	2742500500
30 x 0,50	297,0	14,0	360,0	2743000500
32 x 0,50	301,0	15,2	425,0	2743200500
36 x 0,50	320,0	15,7	446,0	2743600500
40 x 0,50	343,0	16,5	475,0	2744000500
50 x 0,50	407,0	18,4	573,0	2745000500

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