



JE-Y(St)Y... Bd acc.to DIN VDE 0815

Construction

- Conductor: copper, solid, bare, Ø 0,8 mm
- Core insulation: PVC
- Core stranding: 4 pairs to lay up, bundles to lay up
- Lapping: plastic foil
- Screen: tinned drain wire 0,80 mm, plastic-laminated aluminium foil
- Sheath: PVC
- Sheath colour: pebble grey RAL 7032 or blue RAL 5015

Technical data

- (Conductor) loop resistance max. 73,2 Ω/km
- Insulation resistance min. 100 MΩ x km
- Mutual capacitance max. 120 nF/km
- Capacitance unbalance (800 Hz) max. 200 pF/100m
- Test voltage core-core 500 V 50 Hz 1 min
- Test voltage core-screen 2000 V 50 Hz 1 min
- Peak operating voltage 225 V
- Temperature range during installation -5°C to +50°C
- Temperature range stationary -30°C to +70°C
- Minimum banding radius 7,5 x diameter

Properties

- flame-resistant acc. to IEC 60332-3-24

Application: For information transmission in dry and moist production sites, in and under plaster as well as outdoors for fixed installation. Not approved for power and underground installation.

Dimension	Sheath thickness appr. mm	Diameter appr. mm	Total weight kg/km	Cu-Weight kg/km	Article number
1 x 2 x 0,8	1,0	5,0	36,0	15,0	4900083012
2 x 2 x 0,8	1,0	6,6	55,0	25,0	4900083022
4 x 2 x 0,8	1,0	8,3	87,0	45,0	4900083042
8 x 2 x 0,8	1,0	10,5	146,0	85,0	4900083082
12 x 2 x 0,8	1,0	11,8	200,0	126,0	4900083122
16 x 2 x 0,8	1,2	13,5	270,0	166,0	4900083162
20 x 2 x 0,8	1,2	14,7	325,0	206,0	4900083402
24 x 2 x 0,8	1,2	15,8	375,0	246,0	4900083242

Dimension	Sheaththickness appr. mm	Diameter appr. mm	Totalweight kg/km	Cu-Weight kg/km	Articlenumber
28 x 2 x 0,8	1,2	16,2	425,0	287,0	4900083282
32 x 2 x 0,8	1,4	19,0	510,0	327,0	4900083322
36 x 2 x 0,8	1,4	20,3	565,0	367,0	4900083362
40 x 2 x 0,8	1,4	20,7	610,0	407,0	4900083202
48 x 2 x 0,8	1,4	22,3	720,0	488,0	4900083482
60 x 2 x 0,8	1,6	24,3	895,0	608,0	4900083602
80 x 2 x 0,8	1,6	29,5	1.200,0	809,0	4900083802
96 x 2 x 0,8	1,6	30,0	1.380,0	1.015,0	4900083962

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