

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

### Construction

- Conductor: copper, solid, bare,  $\emptyset$  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  $\Omega$ /km
- Insulation resistance min. 100 M $\Omega$  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

- Weitere Anfertigungen auf Anfrage
- Alle Angaben ohne Gewähr