



J-Y(St)Y BMK

Construction

- Conductor: copper, solid, bare, Ø 0,8 mm
- Core insulation: PVC
- Core stranding: pairs twisted to layers, 2 x 2 to quad
- Lapping: plastic foil
- Screen: drain wire, plastic-laminated aluminium foil
- Sheath: PVC
- Sheath colour: red RAL 3000
- Imprint: BRANDMELDEKABEL FIRE ALARM CABLE

Technical data

- (Conductor) loop resistance max. 73,2 Ω/km
- Insulation resistance min. 100 MΩ x km
- Mutual capacitance max. 100 nF/km
- Peak operating voltage 300 V
- Test voltage core-core 800 V 50 Hz 1 Min.
- Test voltage core-screen 800 V 50 Hz 1 Min.
- Temperature range stationary -30°C to +70°C
- Minimum banding radius 7,5 x diameter

Application: For alarm equipment in dry and moist production sites, for fixed installation in buildings, not approved for power 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	1,1	5,5	38,0	11,0	4900080012
2 x 2 x 0,8	1,1	6,1	54,0	21,0	4900080022
3 x 2 x 0,8	1,1	8,0	77,0	31,0	4900080032
4 x 2 x 0,8	1,1	8,7	94,0	41,0	4900080042
5 x 2 x 0,8	1,1	9,4	114,0	52,0	4900080052
6 x 2 x 0,8	1,1	10,1	135,0	62,0	4900080062
8 x 2 x 0,8	1,1	10,2	154,0	82,0	4900080082
10 x 2 x 0,8	1,3	13,1	205,0	102,0	4900080102
12 x 2 x 0,8	1,3	13,5	235,0	123,0	4900080122
16 x 2 x 0,8	1,3	14,8	299,0	164,0	4900080162

dimension	Sheaththickness appr. mm	diameter appr. mm	Totalweight kg/km	Cu-Weight kg/km	Articlenumber
20 x 2 x 0,8	1,3	15,6	352,0	204,0	4900080202
24 x 2 x 0,8	1,5	18,4	437,0	244,0	4900080242
30 x 2 x 0,8	1,5	19,4	522,0	304,0	4900080302
40 x 2 x 0,8	1,5	20,9	663,0	405,0	4900080402
50 x 2 x 0,8	1,7	23,7	832,0	506,0	4900080502
60 x 2 x 0,8	1,7	25,8	978,0	606,0	4900080602
100 x 2 x 0,8	2,1	32,5	1.900,0	1.008,0	4900081002

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