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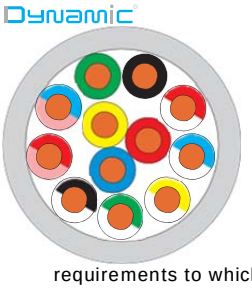
PVC signalling cable mb

YR-mb

Application

A cable for signalling purposes in low-voltage installations. By using a PVC insulation a perfect signal is obtained for frequencies up to about 100 kHz. The PVC outer jacket is flame retardant properties "mb". Meets factory testing based on functional



requirements to which these cables are made.

Construction

Cores : solid bare copper
Insulation : polyvinylchloride (PVC)
cores laid up together (minimum of 7 twists per meter)
Outer sheath : polyvinylchloride (PVC), flame retardant in the colour grey other colours on request

Standards / references

IEC : IEC 60332-3

Core colors

according NEN 1597

Other details

Min. installation temp. : +5°C
Max. conductor temp. : +70°C
Operating temp. : -30°C to +70°C
Bending radius : 6 x diameter

Elektrical details

Nominal voltage : 300 V
Test voltage : 1,5 kV

number of cores x diameter	diameter (mm)	weight (kg/km)
2 x 0,8 mm	3,9	20
3 x 0,8 mm	4,1	26
4 x 0,8 mm	4,6	34
5 x 0,8 mm	5,0	41
6 x 0,8 mm	5,4	50
8 x 0,8 mm	5,9	62
10 x 0,8 mm	7,0	77
12 x 0,8 mm	7,2	90
14 x 0,8 mm	8,0	109
16 x 0,8 mm	8,4	122
20 x 0,8 mm	9,5	158
24 x 0,8 mm	10,6	185