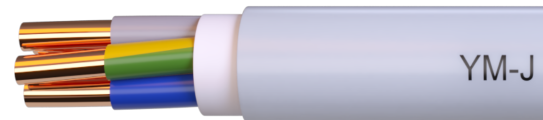


YM

PVC Sheated Wire



Application

Only for fixed installations in dry, humid and wet locations. Not suitable for laying directly open-air or in concrete

Construction

Conductor material	Copper: solid (RE) or stranded (RM)
Insulation	Polyvinylchloride (PVC)
Filling	EPDM
Outer sheath	Polyvinylchloride (PVC), grey

Standards and Certifications

ÖVE / ÖNORM E 8242
 DIN EN 60228 cl.1 (RE) and cl.2 (RM) - (construction)

Core Identification

Accordance to HD 308 S2

J: One core green/yellow, other cores are colored

O: Every core is colored

JB: One core green/yellow, other cores are colored

JZ: One core green/yellow, other cores are black with figures

OZ: Every core is black with figures

Colored cores for 7 cores: green/yellow, violet, pink, orange, brown, black, blue

Fire classification CPR class

Reaction to fire EN 60332-1-2 - Eca

YM - PVC Sheated Wire

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Technical Data

Nominal voltage U ₀ /U	[V]	300 / 500 V
Test voltage	[V]AC	2000
Temperature range	in motion °C fixed °C	+5°C till +70°C -40°C till +70°C
Operating temperature	short circuit °C	160°C
Short circuit time	max. [sec]	5
Bending radius	single core x diameter	4

Number of cores x Cross- section	Overall diameter (approx.) [mm]	Weight (approx.) [kg/km]	Maximum electrical resistance at 20° C [Ω/km]
3 x 1.5	7.75	111	12.1
3 x 2.5	9.5	147	7.41
3 x 4	10.3	224	4.61
3 x 6	11.95	303	3.08
4 x 1.5	9.1	128	12.1
4 x 2.5	10.4	193	7.41
5 x 1.5	9.6	143	12.1
5 x 2.5	11.2	226	7.41
5 x 4	13.4	354	4.61
5 x 6	16.6	472	3.08
5 x 10 RM	18.4	706	1.83
7 x 1.5	10.8	207	12.1
7 x 2.5	13.7	315	7.41

Designation

RE Solid round conductors

RM Stranded round conductors

YM - PVC Sheated Wire

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