

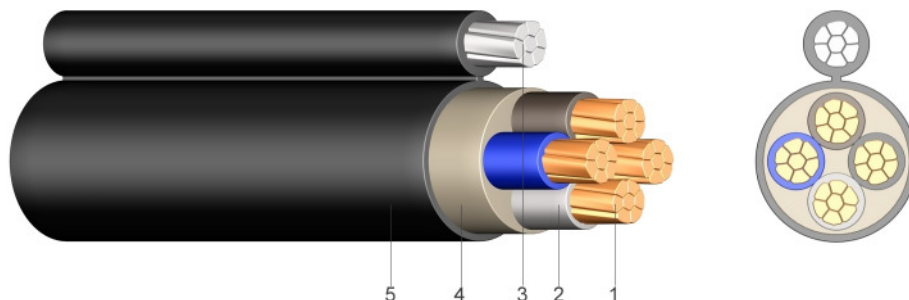
Datasheet YMT

Version 1/2009

PVC Cable with Steel Carrier

Application:

Usable as a self-supporting circuit on free power mains, accordingly of the valid regulations. They may not be installed directly into the ground.



Construction:

- 1 bare copper, solid (RE) or stranded (RM)
- 2 polyvinylchloride (PVC) insulation
- 3 carrier cable steel-reinforced, stranded
- 4 bedding
- 5 polyvinylchloride (PVC) outer sheath, black

Information:

The minimum value for the breaking force of the supporting element amounts:
 6.000 N at the 3x2,5 and 5x2,5 mm²
 10.500 N at the 4x10 and 4x16 mm²
 Information according to DIN VDE 0250-206

According to:

according to ÖVE K41
 DIN 57250 part 206
 DIN VDE 250-206
 DIN EN 60228 class 1 and 2 (construction)
 HD 308 S2 (core identification)

Technical data:

Nominal voltage U ₀ /U		[V]	300 / 500 Volt
Test voltage		[V] _{AC}	4000
Temperature range	in motion		+5°C till +70°C
	fixed		-40°C till +70°C
Operating temperature	short circuit	°C	160
Short circuit time	max.	[sec]	5
Bending radius	in motion	x diameter	4
Flammability	standard		EN 60332-1-2

Number of cores and nominal cross section mm ²	Copper figure kg/km	Overall measures appr. mm	Weight appr. kg/km
3 x 2,5 RE	75	12,5 x 20,5	190
4 x 10 RM	400	19,0 x 28,0	960
4 x 16 RM	640	22,0 x 32,0	1.320
5 x 2,5 RE	125	14,5 x 23,0	361