

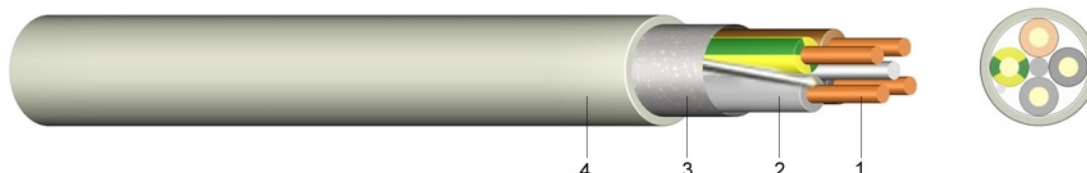
Datasheet (N)YM(ST)-J

Version 1/2009

PVC Sheathed Wire with Screen Bio Wire

Application:

Suitable where effective limitation of electro-magnetic interference fields is necessary, for installations in dry, humid and wet locations. Not suitable for laying directly open-air or in concrete. Not suitable in areas with explosion hazard.



Construction:

- 1 solid bare copper
- 2 polyvinylchloride (PVC) insulation
- 3 screen of plastic coated aluminium tape with tinned drain wire
- 4 polyvinylchloride (PVC) outer sheath, grey

According to:

adapted to DIN VDE 250-204
DIN EN 60228 Class 1 (construction)
HD 308 S2 (core identification)

Technical data:

Nominal voltage U ₀ /U		[V]	300 / 500 Volt
Test voltage		[V] _{AC}	2000
Temperature range	in motion		+5 °C till +70 °C
Operating temperature	short circuit	°C	160
Short circuit time	max.	[sec]	5
Flammability	standard		EN 60332-1-2

Number of cores and nominal cross section mm ²	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Calorific potential kWh / m	Weight appr. kg / km
3 x 1,5 / 1,5	55	1 x 1,38	10,5	0,44	140
4 x 1,5 / 1,5	68	1 x 1,38	11,5	0,53	188
5 x 1,5 / 1,5	83	1 x 1,38	12,0	0,58	216
7 x 1,5 / 1,5	113	1 x 1,38	13,0	0,67	263
3 x 2,5 / 1,5	83	1 x 1,78	12,0	0,58	214
5 x 2,5 / 1,5	133	1 x 1,78	13,5	0,75	300