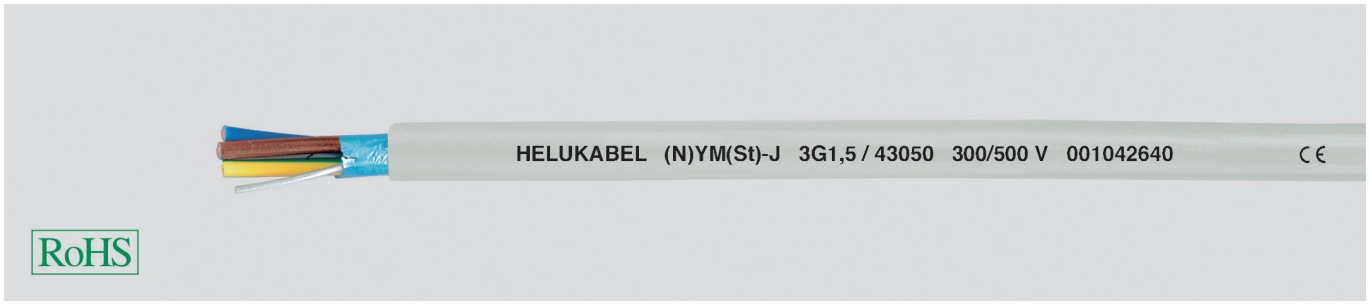
(N)YM(St)-J PVC-sheathed cable screened



Technical data

- screened PVC-sheathed cable adapted to DIN VDE 0250 part 204
- **Temperature range** flexing +5°C to +70°C fixed installation -40°C to +70°C
- Permissible **working temperature** at the conductor +70°C
- **Nominal voltage** U_0/U 300/500 V
- **Test voltage** 2000 V
- **Minimum bending radius** fixed installation 4x cable Ø
- **Radiation resistance** up to 80x10⁶ cJ/kg (up to 80 Mrad)

Cable structure

- Bare copper-conductor, to DIN VDE 0295 cl.1 or cl.2, single-wire or multi-wire, BS 6360 cl.1 or cl.2, IEC 60228 cl.1 or cl.2
- Core insualtion of PVC compound type TI1 to DIN VDE 0207-363-4-1/DIN EN 50363-4-1
- Core identification to DIN VDE 0293-308
- Cores stranded in layers with optimal lay-length
- Solid copper drain-wire, tinned
- Coated aluminium foil screening
- Outer sheath of PVC compound type TM1 to DIN VDE 0207-363-4-1/DIN EN 50363-4-1
- Sheath colour grey (RAL 7035)

Properties

Tests

- PVC self-extinguishing and flame retardant acc. to DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)

Note

- re = round conductor, single-wire
  rm = round conductor, multi-wire
- Also availabel in an halogen-free version
- AWG sizes are approximate equivalent values. The actual cross-section is in mm².

Application

These installation cables are made for an effective range of electromagnetic interference alternating fields by a static screen. This screening is specially used for the installation in computer sector, hospitals or industry measuring observation points with measuring instruments which are sensitive to interferences. These cables are also ideal for installations in the living rooms of those peoples who are extreme sensitive to radiation. The cable is suitable for laying on, in and under plaster in dry and damp places as well as in concrete and masonry (a direct laying in shaked or stamped concrete is excluded). Outdoor laying only is possible if the cable is not exposed to direct sunlight or if the cable is layed in cable conduits. Use in dangerous areas is not allowed.

CE= The product is conformed with the EC Low-Voltage Directive 2006/95/EC.

Part no.	No.cores x cross-sec. mm²		Drain-wire mm²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
43050	3 G 1,5	re	1,5	10,5	51,0	154,0	16
43051	4 G 1,5	re	1,5	11,5	63,0	184,0	16
43052	5 G 1,5	re	1,5	12,0	80,0	208,0	16
43053	7 G 1,5	re	1,5	13,0	106,0	250,0	16
43054	3 G 2,5	re	1,5	12,0	80,0	217,0	14
43055	4 G 2,5	re	1,5	13,0	104,0	256,0	14
43056	5 G 2,5	re	1,5	13,5	128,0	280,0	14
43057	3 G 4	re	1,5	13,5	123,0	228,0	12
43058	4 G 4	re	1,5	14,5	159,0	359,0	12
43059	5 G 4	re	1,5	16,5	200,0	440,0	12
43060	3 G 6	re	1,5	15,0	187,0	378,0	10
43061	4 G 6	re	1,5	16,5	235,0	477,0	10
43062	5 G 6	re	1,5	17,5	293,0	565,0	10

Part no.	No.cores x cross-sec. mm²		Drain-wire mm²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
43063	5 G 10	re	1,5	21,5	485,0	840,0	8
43064	5 G 16	rm	2,5	26,0	773,0	1353,0	6
43065	5 G 25	rm	2,5	31,5	1205,0	2017,0	4

Dimensions and specifications may be changed without prior notice. (RO01)