(N)YM(ST)Y-J



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.

The materials used are free from silicon and cadmium and free from varnish damaging sustances.

Standards

adapted to DIN VDE 0250 part 204/209,
self-extinguishing and flame retardant acc. to VDE 0482 part 265-2-1, EN 50265-2-1, IEC 60332-1

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	solid bare copper conductor to DIN VDE 0295 cl. 1, BS 6360 cl. 1 and IEC 60228 cl. 1
Core Insulation	Polyvinyl chloride (PVC)
Core Color	acc. HD 308 S2
Stranding Elements	cores stranded in layers with optimal lay-length
Shielding	coated aluminium foil screening with tinned drain wire
Outer Insulation Material	Polyvinyl chloride (PVC) TM1, to DIN VDE 0281 part 1

Application

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Mantel- / Schlauchleitungen
Sheathed Wires

Technical Data

Nominal Voltage	U_0/U: 300 /500 V
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	2000 V
Bending Radius moved (xD)	15
Bending Radius fixed (xD)	7.5
Operating Temperature solid	-30 °C bis 70 °C
Operating Temperature moving	5 °C bis 70 °C
Fire Classes	Eca

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Mantel- / Schlauchleitungen
Sheathed Wires

Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.	Calorific potential (kWh/m) Calorific potential (kWh/m)
00202001	3 x 1,5/1,5	grey - grey	174,0	9,5	0,44
00202005	3 x 2,5/1,5	grey - grey	217,0	11,0	0,58
00202010	3 x 4/1,5	grey - grey	228,0	12,5	
00202011	3 x 6/1,5	grey - grey	378,0	14,0	
00202002	4 x 1,5/1,5	grey - grey	184,0	10,5	0,53
00202012	4 x 2,5/1,5	grey - grey	256,0	12,0	
00202003	5 x 1,5/1,5	grey - grey	228,0	11,0	0,58
00202006	5 x 2,5/1,5	grey - grey	296,0	12,5	0,75
00202007	5 x 4/1,5	grey - grey	439,0	15,5	
00202009	5 x 6/1,5	grey - grey	565,0	16,5	
00202008	5 x 10/1,5	grey - grey	840,0	20,5	
00202004	7 x 1,5/1,5	grey - grey	263,0	12,0	0,67

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