



Construction:

1. Conductor : fine stranded copper, class 5.
2. Insulation : halogen-free cross-linked polyolefin copolymerisate.

Properties:

Self-extinguishing and flame retardant.

The materials used in manufacture are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers.

Technical data and tests:

- Nominal voltage U_0/U : 300/500 V.
 Test voltage : 2000 V (A.C.).
 Temperature range : in motion +5°C till +90°C.
 Operating temperature : short circuit at 250 °C.
 Short circuit time : max. 5 sec.
 Bending radius : one time/fixed 6 x diameter.
 Flammability : EN 60332-1; IEC 60332-1.

Standards:

- DIN VDE 0282-9.
 HD 22.9 S2+A1.
 DIN EN 60228 class 5 - Conductor construction.

Applications:

These halogen-free installation wires with improved properties in the case of fire are destined for use in dry locations, for wiring lamps, appliances, switchgears and distribution cabinets, in buildings. These cables are also suitable for installation in conduits, on, in and under the wall surface. In case of fire, these wires inhibit the propagation of flames and the development of smoke is extremely low. No corrosive gases are emitted in the event of fire.

DIMENSIONS					
Nominal cross section mm	Colours	Copper figure kg/km	Overall diameter appr. mm	Calorific potential kWh / m	Weight appr. kg / km
0,5	bk/bl/br	5,0	2,2	0,23	9
	yg	5,0	2,2	0,23	9
0,75	bk/dbl/bl/br	7,5	2,4	0,26	12
	yg/gr/or/rd	7,5	2,4	0,26	12
1	bk/bl/br	10,0	2,5	0,29	15
	yg/wt/or/rd	10,0	2,5	0,29	15

