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VAT Reg. BG107056159

LiYY

Standard: VDE 0812

Application: For connection in telecommunication and data processing systems, electrical devices and equipment with rated voltage 300/500V.

Construction: Stranded bare copper wires Class 5 to EN 60 228 (DIN VDE 0295)

Insulation: PVC- type T12 to EN 50 363-3 Shore A: 88 ±3

Core identification colours: Colour code to DIN 47 100

Assembly: Cores stranded in layers

Sheath:

The sheathing material is PVC type TM2 to EN 50 363-4-1; Shore A: 77 ±3

Sheath colour: grey RAL 7001, RAL 7032 or another by agreement

Electrical data:

Rated voltage U_0/U : max 500 V

Test voltage: AC-1500 V / 50Hz

Specific insulation resistance at 20°C: > 20MΩ km

Operating conditions:

Minimum bending radius: 10 x D (cable diameter)

Working temperature:

-fixed installation: -30°C up to +80°C

-flexing: -5°C up to +70°C

Flame behavior : according to EN 60 332-1

No of conductors and Nominal Cross- Sectional Area of Cores	Mean overall Dimensions	Copper weight	Cable weight	Reaction to Fire Classification
mm ²	mm	kg/km	kg/km	
2 x 0,50	4,7	9,6	40,0	Eca
3 x 0,50	5,0	14,4	47,0	Eca
4 x 0,50	5,6	19,2	56,0	Eca
5 x 0,50	6,1	24,0	65,0	Eca
2 x 0,75	5,1	14,4	48,0	Eca
3 x 0,75	5,6	21,6	57,0	Eca
4 x 0,75	6,1	28,8	69,0	Eca
5 x 0,75	6,9	36,0	78,0	Eca
2 x 1,00	5,6	19,2	55,0	Eca
3 x 1,00	5,9	29,0	70,0	Eca
4 x 1,00	6,4	38,4	79,0	Eca
5 x 1,00	7,6	48,0	98,0	Eca
2 x 1,50	6,6	29,0	74,0	Eca
3 x 1,50	6,8	43,0	89,0	Eca
4 x 1,50	8,1	58,0	105,0	Eca
5 x 1,50	8,1	73,0	125,8	Eca
6 x 0,75	7,5	43,2	93,5	Eca