

Single-core cables with LSZH insulation

DESCRIPTION

Flexible copper with polyolefin insulation.

CONSTRUCTIVE CHARACTERISTICS

1-Conductor:	Flexible bare or tinned copper	s/EN 13602
2-Insulation:	Polyolefin LSZH type TI7	s/EN 50363-7



TECHNICAL SPECIFICATIONS

Nominal voltage:	≤250 Vca / ≤300 Vcc
Test voltage:	1.500 V
Range temperature:	-15°C at +70°C
Short circuit temperature :	160 °C (max. 5 s)
Bending radio:	5 ∅

FEATURES AGAINST FIRE

TEST	STANDARD	VALUE
Flame retardant	IEC 60332-1-2	O.K.
Fire retardant cat D	IEC 60332-3-25	O.K.
Smoke emission	EN 61034-2, IEC 61034-2	O.K.
Halogen free (HCl)	EN 60754-1, IEC 60754-1	O.K.
Corrosiveness of combustion gases	EN 60754-2, IEC 60754-2	pH ≥ 4,3 / Conduc. ≤ 100 μS/cm

DATA AND DIMENSIONS

Dimensions and weights are approximates, subject to small variations due to process

SQUARE Nominal mm ²	COMPOSITION (Nominal)	RESISTANCE Ω/Km (Max. at 20°C)		∅ OUTER mm	WEIGHT Kg/km
		Rb	Sn		
0,14	18x0,10	139	145	1,20	2,7
0,25	8x0,20	78,0	86,5	1,40	4,0
0,35	12x0,19	54,4	55,5	1,60	5,3
0,50	15x0,20	39,0	40,1	1,80	7,1
0,75	23x0,20	26,0	26,7	2,10	10,2
1,0	30x0,20	19,5	20,0	2,30	12,8
1,5	28x0,25	13,3	13,7	2,80	18,7
2,0	26x0,31	9,42	9,66	3,20	25,7

APPLICATIONS

For internal wiring of equipment and instruments for general industry.

Do not use for direct export to the mains or other sources of low impedance connection.