

DATASHEET

Equipment Wire highest flexible
LifY (-Toy) acc. 2xAWG 32 – 2x0,04 mm²/0,6 acc. VDE 0812
Acc. VDE 0812 and EN 60228

WIRE CONSTRUCTION	highest flexible bare annealed copper wire conductor Each 20 ±1 wires x 0,050 mm acc. EN 60228 class 5	
SINGLE WIRE	0,05 ± 0,003 mm acc. EN 13602	
MATERIAL	Soft-annealed electrolytic copper E-Cu ETP1 acc. EN 13602	
COPPER WEIGHT	0,8 kg / 1000 m	
DIAMETER OF CONDUCTOR	each max. 0,3mm; nom. 0,25mm	
INSULATION	Soft-PVC YM2 VDE 0207-5/ TM2 acc. EN 50363; PHTHALAT-FREE (also for Toys) Shore A 80 ±3	
FLAME RETARDANT	PVC self-extinguishing and flame retardant acc. EN 60332-2-2	
INSULATION DIAMETER TWISTED	each nom. 0,6 mm: 0,5 mm +0,15 mm / thickness nom. 0,15mm nom. 1,0 + 0,2 mm	
TWISTING	optimized twisting, lay length ca. 7mm	
TEMPERATURE RANGE	moved	-10 bis +85°C (>3.000 h)
	unmoved	-40 bis +85°C (>3.000 h)
	unmoved	-40 bis +70°C (>20.000 h)
INSULATION DC RESISTANCE	min. 20 MΩ x km acc. VDE 0812	
SERVICE VOLTAGE	max. 60 V	
TESTING VOLTAGE	max. 800 V	
CURRENT RATING	max. 0,8 A at 20°C	
ELECTRICAL RESISTANCE Before twisting	each max. 575 Ω / km acc. EN 60228 at 20°C	
WEIGHT	ca. 1,4 kg/1.000m	
CONFORMITY	RoHS and REACH	