

DATASHEET

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

WIRE CONSTRUCTION	Flexible bare annealed copper wire conductor 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	0,4 kg / 1000 m		
DIAMETER OF CONDUCTOR	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	nom. 0,6 mm: 0,5 mm +0,15 mm / thickness nom. 0,15mm		
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	max. 575 Ω / km acc. EN 60228 at 20°C		
WEIGHT	ca. 0,7 kg/1.000m		
REEL LENGTH	Spools e.g. K125 1000m		
CONFORMITY	RoHS and REACH		