

D A T A S H E E T

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	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	each 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	each max. 575 Ω / km acc. EN 60228 at 20°C
BENDING RADIUS	fixed installation: 3 x diameter (3D); flexing: 4D; under mechanical stress: 6D
WEIGHT	ca. 0,7 kg/1.000m
CONFORMITY	RoHS and REACH