

DATA SHEET

PVC twin cable tinned- LivYz-Toy 2x0,50 mm² (2xAWG20-21) according to VDE 0812

TYPE	LivYz-Toy
CROSSECTION	2 x 0,50 mm ²
WIRE CONSTRUCTION	each 16x0,20 mm acc. EN 60228 Class 5
MATERIAL	Soft-annealed electrolytic copper Cu-ETP1 according to DIN EN 13602, Surface: tinned
DIAMETER OF CONDUCTOR	each ca. 1,0 mm
ELECTRICAL RESISTANCE	max. 40,1 Ω/km at 20°C acc. EN 60228
INSULATION DIAMETER	nom. 2,0 mm ±0,3 mm / thickness of wall nom. 0,5 mm
OUTER DIMENSION	ca. 2,0 x 4,2 mm ±0,3mm
COLOR OF CABLE	e.g.. red – black or orange – white
INSULATION OF CONDUCTOR	Soft-PVC; YI2 (<u>PHTHALAT-FREE</u>) acc. 2005/84/EG (max. 0,1% Phthalat) Shore A 90 ±3
TEMPERATURE RANGE	moved from -5 to +85 °C unmoved from -40 to +85 °C
SERVICE VOLTAGE	max. 400 V
TESTING VOLTAGE	max. 2500 V
CURRENT RATING	max. 5 A at 35 °C room temperature and max. permitted conductor temperature of 80 °C
INSULATION RESISTANCE	> 20 MΩ x km at 20°C acc. VDE 0812
FLAME RETARDANT	PVC self-extinguishing and flame retardant acc. to VDE 0482-332-1-2 DIN EN 60332-1-2
COPPER WEIGHT	9,6 kg / 1.000 m
WEIGHT	ca. 18 kg / 1.000m
CONFORMITY	RoHS and REACH