

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		