

# DATA SHEET

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## PVC twin cable tinned- LivYz-Toy 2x0,50 mm<sup>2</sup> (2xAWG20-21) according to VDE 0812

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

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