

# D A T A S H E E T

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**PVC Ribbon cable –  
FBK-Toy 3x0,25 mm<sup>2</sup> (AWG24-23)  
according to VDE 0812**

<b>TYPE</b>	FBK-Toy
<b>CROSSECTION</b>	3 x 0,25 mm <sup>2</sup>
<b>WIRE CONSTRUCTION</b>	3 x 14x0,15 mm
<b>MATERIAL</b>	Soft-annealed electrolytic copper Cu-ETP1 according to DIN EN 13602, bare
<b>DIAMETER OF CONDUCTOR</b>	each ca. 0,7 mm
<b>ELECTRICAL RESISTANCE</b>	each max. 79,9 Ω/km at 20°C acc. VDE 0812
<b>INSULATION DIAMETER</b>	nom. 1,3 mm ±0,1 mm / thickness of wall nom. 0,3 mm
<b>OUTER DIMENSION</b>	1,3 ±0,1 mm x 4,0 ±0,3 mm
<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. 350 V
<b>TESTING VOLTAGE</b>	max. 1200 V
<b>CURRENT RATING</b>	max. 3 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 0482-332-2-2 DIN EN 60332-2-2
<b>COPPER WEIGHT</b>	9,6 kg / 1.000 m
<b>WEIGHT</b>	ca. 1,6 kg / 100m
<b>CONFORMITY</b>	RoHS and REACH

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