

D A T A S H E E T

**PVC Ribbon cable –
FBK-Toy 3x0,25 mm² (AWG24-23)
according to VDE 0812**

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