

DATASHEET

for

**Solid, blank Y-wire toy 1x0.5 / 0.9 mm
Phthalate free - according to VDE 0812**

DONAU article number 105-0 to 105-9

WIRE CONSTRUCTION	solid soft copper single wire Ø approx. 0.50 mm
CROSS-SECTION	nom. 0,20mm ²
COPPER USE WEIGHT	1,7 kg / 1000 m
MATERIAL	soft annealed electrolytic copper E-Cu ETP-1 according to DIN EN 13602
INSULATION	Plastic cover made of soft PVC YI2 according to VDE 0207-4 YV-Toy: phthalate free
SHORE HARDNESS	Shore A: 92 ± 2
DIAMETER OF INSULATION	0.90 + 0.1 mm; Wall thickness nom. 0,2mm
TEMPERATURE RESISTANCE	moved from - 10 to +85°C unmoved from -40 to +85°C
CAPACITY	max. 1,5 A
OPERATING VOLTAGE	60 V - peak voltage max. 500 V
TEST VOLTAGE	Max. 1200 volts
RESISTANCE AT 20°C	Max. 92.2 ohms / km according to VDE 0812
INSULATION RESISTANCE	>20 MΩ x km at 20°C according to VDE 0812
FLAME RETARDANT	Self-extinguishing, flame retardant according to VDE 0482-332-2-2, DIN EN 60332-2-2 (corresponds to DIN VDE 0472 part 804 test B)
BENDING RADIUS	approx. 8x cable diameter; for fixed installations
WEIGHT	about 2.5 kg/km
CONFORMITY	RoHS and REACH compliant

Additional Information

The information is based on the current state of knowledge, but they do not constitute an assurance of product properties.

Datasheet Exhibiting Area

All data are original data of the manufacturer. The supplier is not liable for improper or abusive use or wrong handling of the product.

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