

# DATASHEET

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**Ribbon cable FBK - RGB cable 4x0,25 mm<sup>2</sup>**  
in accordance with VDE 0812

**DONAU article number 419-005 + 419-010**

<b>TYPE</b>	FBK-Toy
<b>CROSS-SECTION</b>	4 x 0,25 mm <sup>2</sup>
<b>WIRE CONSTRUCTION</b>	14 x 0.25 mm flexible to VDE 0812 surface bare
<b>MATERIAL</b>	Soft annealed electrolytic copper ETP-1 according to DIN EN 13602
<b>DIAMETER OF CONDUCTOR</b>	max. 0,70 mm
<b>RESISTANCE</b>	max. 77,5Ω/km at 20°C according to VDE 0812
<b>INSULATION DIAMETER</b>	1.3 ± 0.1 mm per wire connected by gluing
<b>DIMENSIONS</b>	approx. 5.2 ± 0.3 x 1.3 mm ± 0.1 mm
<b>WIRE COLORS</b>	blue - red - green - black
<b>CONDUCTOR INSULATION</b>	Plastic sleeve made of soft PVC YI2 ( <u>PHthalate-FREE</u> ) according to EU-guideline 2005/84/EC (max. 0.1% phthalate)
<b>TEMPERATURE RANGE</b>	<b>moved from - 5 to +85°C</b> unmoved from -40 to +85°C
<b>OPERATING VOLTAGE</b>	100 V - peak voltage max. 500V
<b>TEST VOLTAGE</b>	max. 1200 V
<b>CAPACITY</b>	recommended max. 3 A
<b>INSULATION RESISTANCE</b>	> 20 MΩ x km at 20°C according to VDE 0812
<b>FLAME RETARDANT</b>	Self-extinguishing, flame retardant according to VDE 0482-332-2-2, DIN EN 60332-2-2
<b>COPPER USE WEIGHT</b>	9,6 kg / 1.000 m
<b>WEIGHT</b>	about 17 kg / 1.000m
<b>CONFORMITY</b>	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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