

# DATASHEET

---

**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.

**Lieferant:** Donau Elektronik GmbH \* Donaustrasse 36 \* 94526 Metten / Germany  
Tel. 0049-(0)991-9204 \* Fax. 0049-(0)991-9581 \* e-mail: [info@donau-elektronik.com](mailto:info@donau-elektronik.com)

2/2017

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Test Leads](#) category:*

*Click to view products by [Donau](#) manufacturer:*

Other Similar products are found below :

[R928010000](#) [R928142000](#) [1301430020](#) [15101](#) [15115](#) [15117](#) [15301](#) [15303](#) [15304](#) [15102](#) [15120](#) [15308](#) [15408](#) [15302](#) [15306](#) [15307](#) [15403](#)  
[15407](#) [15409](#) [15501](#) [15506](#) [EM3782-12-7#](#) [EM4702-12-0](#) [BU-1149-A-36-0](#) [BU-1481-E-12-0](#) [BU-1481-E-24-0](#) [2524-A-60](#) [924961-C](#)  
[924967-C](#) [LB1F-2R-RED](#) [LB1F-2R-YLW](#) [2500](#) [2501](#) [2524-A-48](#) [2977-J-48](#) [R928051000](#) [R928141000](#) [R928143000](#) [R948131000](#) [BU-](#)  
[1449-E-12-2](#) [BU-1480-E-24-0](#) [BU-1481-E-12-2](#) [BU-1481-E-24-2](#) [LB1F-2R-BLK](#) [LB1F-2R-BLUE](#) [EM3542-1#](#) [EM3782-12-8#](#) [6345](#) [6432](#)  
[72929-20-2](#)