

## Application

Screened flexible cable for control and data transmission of analogue or digital signals in industrial plants, measurement instruments, electronic devices, etc., in places with electrical noise.

## Construction

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|------------------------|--|
| <b>1. Conductor</b>    | Flexible tinned electrolytic copper<br>Size 0,22 mm <sup>2</sup> - 7 / 0,20 mm<br>Size 0,50 mm <sup>2</sup> - 16 / 0,20 mm   |
| <b>2. Insulation</b>   | PVC<br>Size 0,22 mm <sup>2</sup> - Nominal diameter: 1,20 mm<br>Size 0,50 mm <sup>2</sup> - Nominal diameter: 1,80 mm  |
| <b>3. Lay-up</b>       | Conductors laid-up in concentric layers<br>Wrapping polyester tape<br>Colour code according to DEF STAN 61-12 Part 4, table F  |
| <b>4. Screen</b>       | Stranded tinned copper drain wire (only size of 0,22 mm <sup>2</sup> )<br>Tinned electrolytic copper wire braid<br>Nominal coverage: 85%   |
| <b>5. Outer sheath</b> | PVC<br>Colour: Grey RAL 7035<br>Printing: DRAKA DCI (AA) (OF) *PFSK (NxS)mm <sup>2</sup> *<br>Where:<br>AA: Production year (2 last digits)<br>OF: Production order<br>N: Number of conductors<br>S: Cross section |

## Electrical Characteristics

<b>Nominal voltage</b>	440 V
<b>Test voltage</b>	1500 V
<b>Conductor resistance (at 20°C)</b>	Size 0,22 mm <sup>2</sup> ; < 89,9 Ω/Km Size 0,50 mm <sup>2</sup> ; < 40,1 Ω/Km
<b>Nominal capacitance</b>	Between conductors: Size 0,22 mm <sup>2</sup> - 126 pF/m Size 0,50 mm <sup>2</sup> - 140 pF/m  Conductors - Screen: Size 0,22 mm <sup>2</sup> - 227 pF/m Size 0,50 mm <sup>2</sup> - 240 pF/m

## General Characteristics

<b>Operating temperature</b>	-5°C to +80°C
<b>Bending radius</b>	8 x D
<b>Flame retardant acc. to</b>	UNE EN 50265-2.1 (IEC 60332-1)



**Commercial Information**

DATAX PFSK CABLES				
Draka code	Size	Outer D (mm)	Weight (kg/km)	Packing
01655.0270	4x0,22	4,4	35	S-100 / T-500
01656.0270	6x0,22	5,4	52	S-100 / T-500
01657.0270	8x0,22	5,8	59	S-100 / T-500
01659.0270	12x0,22	6,8	79	S-100 / T-500
01661.0270	18x0,22	8,0	110	B-100
01663.0270	25x0,22	9,4	142	T-500
01667.0270	2x0,50	6,0	51	S-100 / T-500
01668.0270	3x0,50	6,4	62	S-100
01669.0270	4x0,50	7,0	75	S-100 / T-500
01670.0270	6x0,50	8,0	98	S-100 / T-500
01672.0270	8x0,50	8,5	117	B-100
01674.0270	12x0,50	10,1	160	B-100
01675.0270	18x0,50	11,6	219	B-100
01676.0270	25x0,50	13,9	297	S-100 / T-500

S-100: 100 m Plastic bobbin  
 B-100: 100 m coil  
 T-500: 500 m plywood drum

