

DATAx LiYCY FOR WINDTURBINES



Application

Screened flexible cable for special purpose of data transmission in wind turbines, where high flexibility is required. For indoor and outdoor installation.

Construction

- 1. Conductor**

Flexible electrolytic bare copper.
Size 0,14 mm² - 18 / 0,10 mm
Size 0,25 mm² - 14 / 0,15 mm
Size 0,34 mm² - 7 / 0,25 mm
Sizes ≥ 0,50 mm² - Class 5 according to IEC 228
- 2. Insulation**

PVC
- 3. Colour code**

OZ: White numbered conductors, or
JZ: White numbered + 1 Yellow/green, or
In accordance with DIN 47100
- 4. Lay-up**

2 conductors are twisted together to form a pair (pair types only).
Conductors or pairs are laid-up in concentric layers
Wrapping polyester tape
- 5. Screen**

Flexible electrolytic copper drain wire (7 / 0,15)
Tinned electrolytic copper wire braid
Coverage: ≥ 65%
- 6. Outer sheath**

PVC
Colour: BLACK RAL 9005
- 7. Marking**

DRAKA DCI (AA) (OF) *DATAx LiYCY* (NxS or NGS)mm²
DATA TRANSMISSION CABLE (meter marking)M
where:
AA: Production year (2 last digits)
OF: Production order
N: Number of conductors
S: Cross section

Electrical Characteristics (at 20°C)

Nominal voltage	250 V
Test voltage	1500 V

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Cable Properties

Flame retardant according to	UNE EN 50265-2-1 (former IEC 60332-1)
Operating temperature	-5°C to +80°C
Oil resistance according to	CEI 20-11 (4h, 70°C in ASTM N° 2 Oil)
Bending radius	15 x D
U.V. resistant	

Commercial Information

DATAx LiYCY CABLES					
Draka Code	Size (mm ²)	Outer Ø (mm)	Weight (kg/km)	Colour code	Packing
26885.0370	3 x 2 x 0,14	5.0 ± 0.2	32	DIN 47.100	500 m drums
23136.0370	4 x 0,25	4.8	34	DIN 47.100	500 m drums
23137.0370	6 x 0,25	5.6	45	DIN 47.100	500 m drums
26877.0370	7 x 0,25	6.0	55	DIN 47.100	500 m drums
23142.0370	12 x 0,25	7.6	84	DIN 47.100	500 m drums
26886.0370	6 x 0,34	6.8	68	DIN 47.100	1.000 m drums
26887.0370	10 x 0,34	8.4	98	DIN 47.100	1.000 m drums
26884.0370	4 x 0,50	6.5	60	DIN 47.100	500 m drums
26879.0370	2 x 0,75	6.1	51	DIN 47.100	1.000 m drums
26880.0370	6 x 1,00	8.5	121	OZ	500 m drums
11379.0370	2 x 1,00 (1)	7.2	77	DIN 47.100	500 m drums
11380.0370	3 x 1,00 (1)	7.6	84	DIN 47.100	500 m drums
27452.0370	6 x 1,00	8.5	121	DIN 47.100	500 m drums
26881.0370	10 x 1,00	11.0	188	DIN 47.100	1.000 m drums
11385.0370	12 G 1,00 (1)	13.0	255	JZ	500 m drums
11405.0370	5 G 2,50 (1)	11.7	224	JZ	500 m drums

(1) 300/500 V type