

DATAx

DATAx LiHH FOR WINDTURBINES

Application

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 annealed bare copper. Class 5 according to IEC 60228 |
| 2. Insulation | OHLS compound |
| 3. Colour code | JZ: Black numbered + 1 yellow/green. |
| 4. Lay-up | Conductors are laid-up in concentric layers |
| 5. Outer sheath | OHLS compound Colour: BLACK RAL 9005 |
| 6. Marking | DRAKA DCI (AA) (OF) *DATAx LiHH* (NxS or NGS)mm ² 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 | -40°C to +70°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 LIHH CABLES | | | | | |
|-------------------|-------------------------|--------------|----------------|-------------|-------------|
| Draka Code | Size (mm ²) | Outer Ø (mm) | Weight (kg/km) | Colour code | Packing |
| 26865.0370 | 3 x2 x 0,34 | 7.4 | 49 | DIN 47.100 | 500 m drums |
| 26866.0370 | 4 x2 x 0,34 | 8.1 | 60 | DIN 47.100 | 500 m drums |
| 26872.0370 | 3 G 0,50 | 5.1 | 29 | JZ | 500 m drums |
| 26873.0370 | 5 G 0,50 | 6.5 | 50 | JZ | 500 m drums |
| 26871.0370 | 14 G 0,50 | 9.5 | 117 | JZ | 500 m drums |
| 26870.0370 | 21 G 0,50 | 11.5 | 176 | JZ | 500 m drums |
| 26868.0370 | 2 x 0,75 | 5.6 | 39 | DIN 47.100 | 500 m drums |
| 26867.0370 | 5 G 0,75 | 7.0 | 63 | JZ | 500 m drums |
| 26864.0370 | 7 G 0,75 | 7.6 | 82 | JZ | 500 m drums |
| 26869.0370 | 2 x 1,50 | 6.6 | 60 | DIN 47.100 | 500 m drums |
| 26785.0370 | 3 G 1,50 | 7.0 | 78 | JZ | 500 m drums |
| 26786.0370 | 4 G 1,50 | 7.6 | 95 | JZ | 500 m drums |
| 28555.0370 | 5 G 1,50 | 8.4 | 118 | JZ | 500 m drums |
| 26672.0370 | 7 G 1,50 | 9.1 | 150 | JZ | 500 m drums |
| 28556.0370 | 5 G 2,50 | 10.5 | 198 | JZ | 500 m drums |