



## EIB/KNX Certified 2x2x0,80 B2ca LSZH

KNX Cable 2 pairs, Halogen Free

Image representative of cable family. Actual cable may vary.

### Certified by KNX Association

Certificate Nr. 607/19711/23

CPR Class B2ca s1,d1,a1

FlameSmart technology

Exceeds cable types  
YCYM, J-Y(St)Y & J-H(St)H



### STANDARDS AND CERTIFICATES

|                   |  |
|-------------------|--|
| Standards         | KNX specification v3.0.2<br>EN 50090<br>EN 50575 |
| KNX Certification | 607/19711/23                                     |
| CPR Class         | B2ca s1,d1,a1                                    |
| DOP               | 1002720  |
| ROHS II           | complies   |

### CONSTRUCTION

|                     |                            |
|---------------------|----------------------------|
| Conductors          | Φ 0,80mm solid copper      |
| Insulation          | HFFR                       |
| Laying up           | 4 cores twisted to quad    |
| Core Identification | Red, Black, Yellow, White  |
| Screen              | aluminum tape + drain wire |
| Outer Sheath        | Φ 6,60mm HFFR green        |

### ELECTRICAL CHARACTERISTICS

|                           |               |
|---------------------------|---------------|
| Loop Resistance DC        | <75,0 Ohm/km  |
| Insulation Resistance     | >100 Mohm.km  |
| Mutual Capacitance        | <100 pF/m     |
| Test Voltage, core-sheath | 4 KV AC 1 min |
| Operating Voltage         | 300 V peak    |

### MECHANICAL CHARACTERISTICS

|                             |                |
|-----------------------------|----------------|
| Minimum bending radius      | 65 mm          |
| Operating Temperature Range | -20 C to +70 C |
| Standard packaging          | 5x100m, 1x500m |

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