

# LK BUS CABLE

## KNX/EIB BUS 2x2x0,8 LSZH



### Specification

- Inner Conductor Bare Copper
- Insulation LSZH
- Insulation Color White/Red, Black/Yellow
- Foil Sheild AL-PET >110%
- Jacket LSZH
- Jacket Thickness 1.0mm
- Jacket Color Green

### Electrical Performance (20°C)

- Voltage Rating : 300 V
- Test Voltage (50Hz, 1min) : AC 1000V
- Mutual Capacitance max. 100 nF/km
- Impedence : 80Ω@1Mhz
- Conductor Loop Resistance @ 20°C : ≤73.2Ω/km
- Min Bending Radius : 7.5 Cable diameter
- Attenuation : ≤3.5dB/100m @500Khz  
 ≤4.2dB/100m @4MHz  
 ≤20dB/100m @25MHz

### APPLICATIONS

For use in bus system (EIB –European Installation Bus) and as ICA cable in power installations. Laying in/on plaster, even in moist and wet room. Not approved for power and underground installation.



#### APPLICATIONS

-For KNX/EIB system in the field of intelligent building automation



#### THERMAL PERFORMANCE

-Maximum services temperature: 70°C  
 -Minimum services temperature: -30°C



#### BASED ON

-EN 50090  
 -EN 60669-2-1



#### MECHANICAL PERFORMANCE

-Minimum bending radius: 7.5 x Cable diameter



#### ENVIRONMENTAL PERFORMANCE

-Water resistance: ADS Jets  
 -Chemical & Oils resistance: Good



#### APPROVALS

-RoHS



#### ELECTRICAL PERFORMANCE

-Low Voltage : 300V  
 -Test Voltage : AC 2000V



#### FIRE PERFORMANCE

-Flame non-propagation base on IEC60332-1



#### INSTALLATION CONDITIONS

-In conduit  
 -Open Air

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Type	Dimension	Cu content kg/km	Outer diameter approx.mm	Weight approx. kg/km
KNX/EIB BUS LSZH	2 x 2 x 0.8mm	22.0	6.2	64

