

# LK DATA CABLE

## UL 2092 SHIELDED 1 PAIR CONTROL CABLE-18 AWG



### Specification

■ Inner Conductor	Tinned Copper	16*0.255±0.008mm
■ Insulation	HD Polyethylene	2.05±0.1mm
■ Insulation Color	Black/White	
■ Wrapper Shield	AL-PET	>115%
■ Drain Wire	Tinned Copper	7*0.32±0.008mm
■ Jacket	PVC	5.6mm±0.2mm

### Electrical Performance (20°C)

- Inductivity : 0.65 mH/km
- Capacitance: 97pF/m
- Voltage Rating: ≤300V
- Bending Radius: 10 x Diameter
- Sparker Test: 1000VAC
- Far-End Crosstalk: 150khz
- Insulation Resistance@ 20°C > 200 MOhm/km
- Conductor DC Resistance@ 20°C < 23.7 Ohm/km

### APPLICATIONS

For internal wiring in dry or damp environment. Suitable for Building Management System (BMS), audio, data transmission equipment measurement with minimum noise.



#### APPLICATIONS

- Suitable for Building Management System (BMS)
- For Internal wiring, in data transmission, electronic equipment and control signals with minimum noise



#### THERMAL PERFORMANCE

- Maximum services temperature: 80°C
- Minimum services temperature: -10°C



#### BASED ON

- UL 2092
- UL 758



#### MECHANICAL PERFORMANCE

- Minimum bending radius: 10 x Cable diameter



#### ENVIRONMENTAL PERFORMANCE

- Water resistance: AD5 Jets
- Chemical & Oils resistance: Good



#### APPROVALS

- RoHS
- REACH



#### ELECTRICAL PERFORMANCE

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



#### FIRE PERFORMANCE

- Flame non-propagation base on IEC60332-1/UL1581/VW-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
UL 2092	1 x 2 x AWG 18/7	20.7	5.6	45.6
UL 2092	1 x 2 x AWG 22/7	10.3	4.5	28.8