

# LK DATA CABLE

## UL 21307 SHIELDED 2PAIR CONTROL CABLE –22AWG



### Specification

■ Inner Conductor	Tinned Copper	7*0.255±0.008mm
■ Insulation	HD Polyethylene	2 core x 1.2±0.1mm
■ Insulation Color	Black/Red, White/Green	
■ Wrapper Shield	AL-PET/Each Pair	>115%
■ Drain Wire	Tinned Copper	7*0.19±0.008mm
■ Outer Sheath	PVC	4.2mm±0.15mm

### Electrical Performance (20°C)

- Inductivity : 0.65 mH/km
- Capacitance: 115pF/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 : < 54.2 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 21307
- 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 21307	2 x 2 x AWG 22/7	18.6	5.8	39.2

