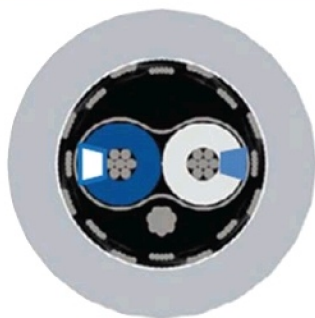


# LK DATA CABLE

## UL2919 (RS485) SHIELDED 1x2xAWG24 PVC



### Specification

■ Inner Conductor	Tinned Copper
■ Insulation	HD Polyethylene
■ Insulation Color	Blue/White, White/Blue
■ Wrapper Shield	AL-PET >115%
■ Drain Wire	Tinned Copper
■ Braiding	Tinned Copper 112 x 0.12±0.008mm
■ Jacket	PVC
■ Jacket Thickness	
■ Jacket Color	Grey RAL 7032

### Electrical Performance (20°C)

- Impedance : 120±5 Ohm
- Capacitance: 97pF/m
- Voltage Radius: ≤300V
- Bending Radius: 10 x Diameter
- Operating Frequency: 1000 Mhz
- Dielectric Strength: 0.5kV AC/Min
- Conductor Resistance@ 20°C < 84.6 Ohm/km
- Deformation Test: ≤ 50%

### APPLICATIONS

Low capacitance cable with a high level of screening. Provides interference free, high speed data transmission suitable for RS485 applications.



#### APPLICATIONS

-Suitable for RS232, RS 422 and RS485 application



#### THERMAL PERFORMANCE

-Maximum services temperature: 80°C  
-Minimum services temperature: -30°C



#### BASED ON

-UL 2919



#### 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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# LK DATA CABLE

## UL2919 (RS485) SHIELDED 1x2xAWG24 PVC

Type	Dimension	Cu content kg/km	Outer diameter approx.mm	Weight approx. kg/km
UL2919	1 x 2 x AWG 24/7	21.4	6.0	46

