



**LEDBURN CABLES IS  
AN INDEPENDENTLY  
OWNED CABLE  
DISTRIBUTOR.**

## **ECHELON LONWORK SYSTEM CABLING - 16AWG**

*A range of single pair Bus cables is available for the LonWork's system allowing convenient wiring via the Free Topology concept.*

A range of single pair Bus cables is available for the LonWork's system allowing convenient wiring via the Free Topology concept. Due to the popularity of the system for building management applications in the public sector these cables are now stocked in Low Smoke Halogen Free versions. Duct grade and SWA options can also be manufactured for quantities as low as 100m.

Designed for use on industrial and commercial Bus systems, these cables have become increasingly popular on Building Management Systems (BMS). Available as one and two pair cables, screened and unscreened in Low Smoke Halogen Free, they provide the ideal low cost solution to Bus wiring.

# Technical Information

<b>Voltage Rating:</b>	300V
<b>Temperature Rating:</b>	-5°C +60°C
<b>Conductor Resistance:</b>	14.3 $\Omega$ /km @ 20°C
<b>Velocity of Propagation:</b>	55%
<b>Capacitance:</b>	
<b>Core to core:</b>	108pF/m @ 1kHz
<b>Nominal Impedance:</b>	100 Ohms
<b>Colour Code:</b>	Black, white

## Construction

16(19)AWG tinned copper conductors, Low Smoke Halogen Free insulation, cores twisted into a pair, Low Smoke Halogen Free sheath.

This cable is also available in PVC for industrial installations and PE sheathed for duct and external applications.

## Specification

Part No.	Alt. to Belden	No. of Pairs	AWG	Sheath Material	Weight Kg/Km	O/D mm	Capacitance pF/m
<b>1601PUY</b>	8471	1	16(19)	PVC	56.00	7.0	108
<b>1601PUYA</b>	8741	1	16(19)	SWA-PE	280.00	10.8	108
<b>1601PUYD</b>	8741	1	16(19)	PE-DUCT	89.00	9.5	108
<b>1601PUYH</b>	Belden 8471NH	1	16(19)	LSHF	56.00	7.0	53