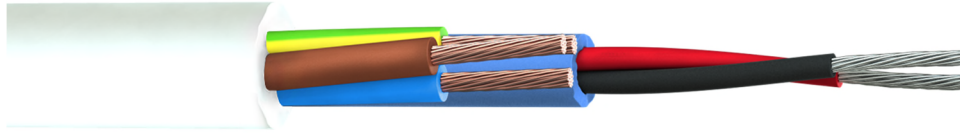


**Part No:** 1801PUYH01D1-E00  
**Description:** Simmtronic SPECS D-Power. E-Bus 1 pair 18(16)AWG Unscreened Blue + 3 x 1.5mm<sup>2</sup> Power Low Smoke Halogen Free (LSHF) Cable



### Construction

#### 1801PUYH01

Conductor Material	: Tinned Copper, 18(16)awg
Insulation Material	: Low Smoke Halogen Free (LSHF)
Number of Pairs	: 1
Sheath Material	: Low Smoke Halogen Free (LSHF)
Sheath Colour	: Blue
Core Identification	: Black & Red
Alternative to Belden	: 9740

### Power

Conductor Material	: Bare Copper, (1.5mm <sup>2</sup> Class 5)
Insulation Material	: Low Smoke Halogen Free (LSHF)
Number of Cores	: 3
Core Identification	: Brown, Blue, Green/Yellow

### Electrical Characteristics

Nom. Conductor Resistance @20°C	Data	: < 23.4 Ω/km
	Power	: < 13.3 Ω/km
Capacitance	Core to core	Data : 59 pF/m ± 25
Impedance		Data : 95 Ω ± 30
Voltage Rating		: 300/500 V
Test Voltage		: 2.5 kV for 5 minutes

### Physical Characteristics

Overall Diameter	: 11.4 ± 0.3mm
Min. Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +70°C
Weight	: 110 kg/km

### Standards

Flame Retardant	: BS EN 60332-1-2
Low Smoke Generation	: BS EN 61034-2
Halogen Gas Emission	: BS EN 60754-1&2
RoHS3 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU), CPR (305/2011)
CPR Classification	: Eca (EN50575:2014+A1:2016)