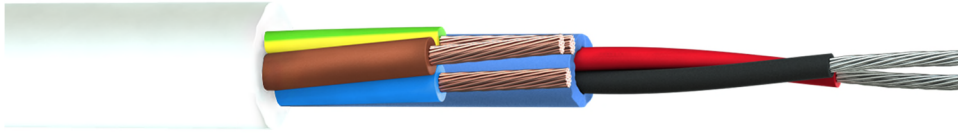


Part No: 1801PUYH02D1-E00
Description: Simmtronic SPECS D-Power. E-Bus 1 pair 18(16)AWG Unscreened Blue + 3 x 2.5mm² Power Low Smoke Halogen Free (LSHF) Cable



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, (2.5mm² 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	: < 7.98 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 : 12.6 ± 0.3mm
 Min. Bend Radius : 10 x OD
 Temperature Rating : -20°C to +70°C
 Weight : 145 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)