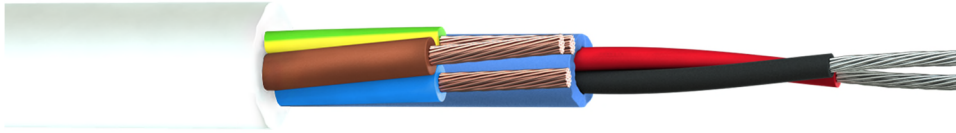


Part No: 1801PUYH02D2-E00
Description: Simmtronic SPECS D-Power. E-Bus 1 pair 18(16)AWG Unscreened Blue + 3 x 2.5mm² Power Low Smoke Halogen Free (LSHF) Cable



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, (2.5mm ² 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)