



**Product Code: 8218**

Electronic, 2 Conductor, 18 AWG, TC, HDPE Ins, OS, PVC Jacket, CM

**Product Description**

Electronic, 2 Conductor 18 AWG, Tinned Copper, High Density Polyethylene Insulation, Overall Shield,, Polyvinyl Chloride Outer Jacket, CM

**TECHNICAL SPECIFICATION**

**Suitable Application** Digital Control ( 24V) & Instrumentation , communication,panel wiring

**Conductor**

Element	Pair(s)
No. of Element	1
Size	18 AWG
Stranding	16x30
Material	Tinned Copper

**Insulation**

Element	Pair(s)
Material	HDPE
Nom. Insulation Diameter (mm)	2.05±0.15x2C
Color Code	Black, Clear

**Cabling** 2 wires

**Outer Shield**

Shield Type	Tape
Material	Al PET shield
Coverage	>=115%
Drainwire Type	20 AWG, Tinned Copper

**Outer Jacket**

Material	CM PVC
Nominal Thickness (mm)	0.71
Nominal Diameter (mm)	5.6±0.2

**ELECTRICAL CHARACTERISTICS**

**Electrical**

Element	Pair(s)
Max Cond DC Resistance at °C(Ω/km)	<23.7
20°C Insulation Resistance(MΩ*km)	>200
Voltage	300V

**MECHANICAL CHARACTERISTICS**

Operating Temperature	-25°C to +70°C
Bend Radius Min (mm)	56.0
Max Pull Tension	24.5 kg
Bulk Cable Weight	11.5 kg/305 m

**STANDARDS & COMPLIANCE**

Reaction to Fire: UL 1666 Riser: IEC 60332-1-2

UL Compliance: CM

RoHS2(2011/65/EU Compliant)

UL Number: E535337

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