



**Product Code: 8222NH**

Electronic, 2 Conductor, 22 AWG, TC, PE Ins, OS, LSZH Jacket

**Product Description**

Electronic, 2 Conductor 22 AWG, Tinned Copper, Polyethylene Insulation, Overall Shield, Low Smoke Zero Halogen Outer Jacket

**TECHNICAL SPECIFICATION**

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

**Conductor**

Element	Pair(s)
No. of Element	1
Size	22 AWG
Stranding	7x30
Material	Tinned Copper

**Insulation**

Element	Pair(s)
Material	PE-Polyethylene
Nom. Insulation Diameter (mm)	1.60±0.10
Color Code	Black, White

**Cabling** 2 wires

**Outer Shield**

Shield Type	Tape
Material	Al PET shield
Coverage	>=115%
Drainwire Type	22 AWG, Tinned Copper

**Outer Jacket**

Material	LSZH
Nominal Thickness (mm)	0.90±0.10
Nominal Diameter (mm)	5.0±0.10

**ELECTRICAL CHARACTERISTICS**

**Electrical**

Nom Characteristic Impedence	64 Ohm
Max Cond DC Resistance at 20°C(Ω/km)	<59.5
Voltage	300V

**MECHANICAL CHARACTERISTICS**

Operating Temperature	-45°C to +80°C
Bend Radius Min (mm)	50.0
Max Pull Tension	16 kg
Bulk Cable Weight	7 kg/305 m

**STANDARDS & COMPLIANCE**

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

RoHS2(2011/65/EU Compliant)

UL Number: E535337

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