

Brand Name	JNL
Products name	Polyimide Thermocouple Wire
Code	JNL-Polyimide-J-0.22mm2
Type	J type

Applications:

Applied in a range of industries including consumer electronics, solar photovoltaic and wind energy, aerospace, automotive and industrial applications.

Physical Characteristics

Features:

- Δ Continuous use up to 500F (260°C)
- Δ Excellent Solvent Resistance
- Δ Resistant to Radiation
- Δ Flame Retardant
- Δ Does Not Burn

Schematic Diagram:



Specifications:

Conductors:	Thermocouple wire, Type J. Positive pole-IRON, 7x0.2mm(0.22mm2) Negative pole-Constantan, 7x0.2mm(0.22mm2)
Insulation:	Fused polyimide film, color coated, 260°C
Color code:	Conforms to ASTM E230 and ANSI MC 96.1
Construction:	Parallel
Jacket:	Fused polyimide film (0.038*6.5mm) 260°C
Limits of Error:	Conforms to ASTM E230, IEC 584 and ANSI MC 96.1

Dimension:

Conductors Size:	24F AWG (7*0.20mm)
Insulation Thickness:	0.13mm
Jacket Thickness:	0.13mm
Outer size:	1.20mm*1.90mm
Net weight:	6kg/km

Conductor Size			Outer Size (mm)	Net Weight (kg/km)	Conductor type						
AWG	Stranded	(mm ²)			KX	KC	JX	EX	NC	TX	LX
14	28x0.3mm	2.00	2.4x4.4	43	√	√	√	√	√	√	√
16	19x0.3mm	1.34	2.0x3.8	30	√	√	√	√	√	√	√
18	32x0.2mm	1.00	1.7x3.1	17	√	√	√	√	√	√	√
19	24x0.2mm	0.75	1.6x2.9	15	√	√	√	√	√	√	√
20	7x0.3mm	0.50	1.5x2.7	12	√	√	√	√	√	√	√
24	7x0.2mm	0.22	1.2x1.9	6	√	√	√	√	√	√	√