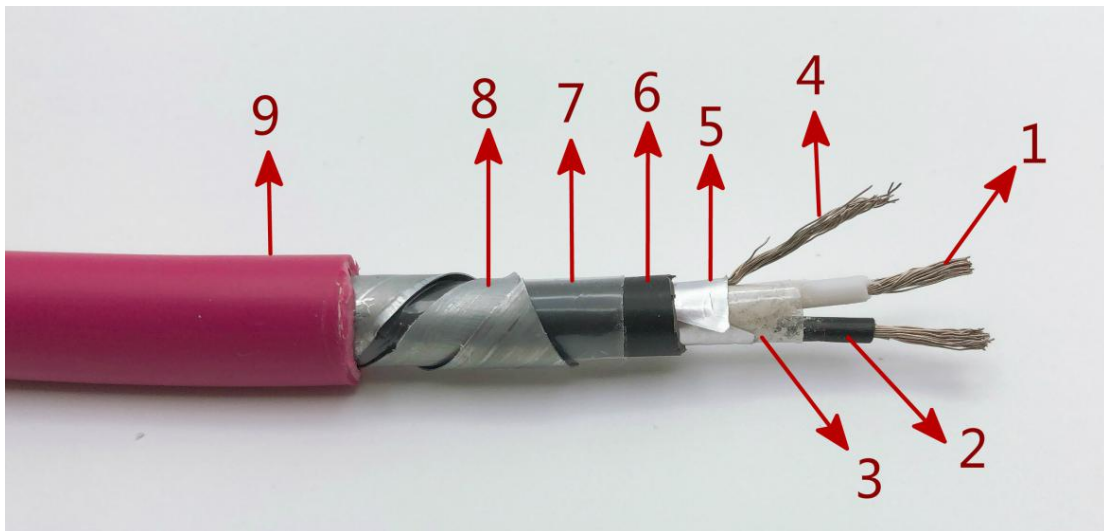


## SINGLE PAIR INSTRUMENT CABLE

- SUBJECT

SINGLE PAIR INSTRUMENT CABLE 1X2X0.88MM<sup>2</sup>/0.9MM<sup>2</sup>, PLAIN ANNEALED COPPER TO ASTM B3, SOLID/STRAND CONDUCTOR CLASS 1 TO IEC 60228, XLPE INSULATION, TWISTED PAIR, OVERALL SCREENED WITH AL-PET LAMINATED FOIL+TINNED COPPER DRAIN WIRE, BLACK COLOR PVC TM1 FLAME RETARDENT BEDDING, GALVANIZED DOUBLE STEEL TAPE ARMPRED, OUTER SHEATH: RED COLOR PVC FLAME RETARDENT, OIL AND SUNLIGHT RESISTANT JACKET 500V TO EN50288-7.

- TECHNICAL FEATURES



1. Conductor: Plain annealed high quality strand copper conductor to ASTM B3 (0.9MM<sup>2</sup> to IEC 60228)
2. Conductor Insulation: Twisted pairs 90°C XLPE(Black & White)
3. Pair Wrapping: Filler + Plastic Film (Polyester Tape)
4. Drain Wire: 0.5mm<sup>2</sup> (7/0.3mm) Tinned Copper to ASTM B3
5. Shield: Aluminum Tape, 100% Coverage
6. Inner Sheath: Black PVC Flame Retardant
7. Inner Wrapping: Plastic Film (Polyester Tape)
8. Screen Armour: Double Galvanized Steel Tape
9. Outer Sheath: Red PVC Flame Retardant Marking "MICC-SPIC-1X2X.9MM<sup>2</sup>-IEC" every meter

• COLOR CODE

ANSI Code	ANSI MC 96.1 Color Coding		Maximum T/C Grande temp. range	Tolerance	IEC 584-3 Color Coding	IEC Code
	Thermocouple grade	Extension grade				
K			0 to 200°C 32 to 400°F	±4.0°F		K
J			0 to 100°C 32 to 212°F	±4.0°F		J
T			0 to 200°C 32 to 400°F	±1.8°F		T
E			0 to 200°C 32 to 400°F	±3.0°F		E
N			0 to 200°C 32 to 400°F	±4.0°F		N
R/S	NONE ESTABLISHED		0 to 200°C 32 to 400°F	±9.0°F		S
B	NONE ESTABLISHED		0 to 100°C 32 to 212°F	±6.7°F		B

• PACKING AND IDENTIFICATION

1. Coding on Wooden Spool :

“Customer Requested Code”

“MICC-SPIC-1X2X.9MM2-IEC ”

2. Package items carefully to avoid damage during shipment like below:

