



Rep	Details of components	Dia.mm	Characteristics
1	(+) Conductor(KPX) : Chromel Stranded 0.45mm/7	1.35	<p><u>Electrical characteristics</u></p> <p>Standard E.M.F value : 4,096 μV (100$^{\circ}C$) 8,138 μV (200$^{\circ}C$) Test Voltage : 2,000 Volts</p> <p><u>General characteristics</u></p> <p>Operating temperature : -30~105$^{\circ}C$ Outside Diameter : 13.5 \pm 1.0mm Color Code for ANSI MC96-1 Tolerance : \pm 1.5$^{\circ}C$ (from -25$^{\circ}C$ ~ 200$^{\circ}C$) \Rightarrow Special Class 1.</p>
2	(-) Conductor(KNX) : Alumel Stranded 0.45mm/7	1.35	
3	Core Insulation : FR-PVC (+) Yellow , (-) Red	2.45	
4	Out Sheath : FR-PVC Color Yellow , Thickness : 1.30mm	13.5	
5	Screen : Aluminum Mylar Tape contacted Drain wire.		
6	Drain Wire : Tinned copper 0.4mm/7(0.9SQ)	1.20	

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A	2017.03.21	Creation			SB, Lee
Revision	Date	Contents of Revision	Revised by	Verified by	Approved by