

SPECIALTY WIRE AND CABLE

Thermocouple Wire



967-046

Insulated Thermocouple Wire, Types KN & KP

NOTES

1. Mark with Glenair, part number, CAGE 06324.
2. Consult factory for other constructions.

HOW TO ORDER

Sample Part Number	967-046	-24	-P	-UN	-X
Basic Part Number	967-046 Insulated Thermocouple Wire, Types KN & KP				
Wire Size	See Table I				
Leg	P = Positive N = Negative				
Lay Configuration	UN = Unilay TC = True Concentric				
Insulation	P = PFA (260°C) X = XL-ETFE (200°C)				

CONSTRUCTION EXAMPLE

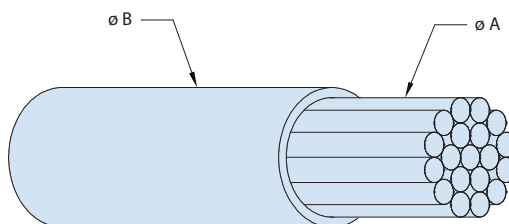


Table 1: Construction Details

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Wire Size (AWG)	Stranding (Number of Strands X Size Gage of Strands)	Conductor Description Part Number	Leg	Color	Resistance of Conductor at 20°C (68°F) (Ohms/ Ft)	Lay Configuration	Lay Length (Inches)	Ø A Stranded Conductor (Inches)			Ø B Insulated Wire (Inches)		XLETFE Wire Weight (Pounds Per 1000 Ft)	PFA Wire Weight (Pounds Per 1000 Ft)
					±10%			Min	Max	Min	Max	Nom	Nom	
26	7 X 34	26(7) KKP	Positive	Yellow	1.510	Unilay	0.250	0.018	0.020	0.030	0.032	1.170	1.270	
26	7 X 34	26(7) KKN	Negative	Red	0.619	Unilay	0.250	0.018	0.020	0.030	0.032	1.170	1.270	
24	19 X 36	24(19) KKP-UN	Positive	Yellow	0.884	Unilay	0.250	0.022	0.025	0.035	0.037	1.857	1.981	
24	19 X 36	24(19) KKP-TC	Positive	Yellow	0.884	True Concentric	0.250	0.024	0.027	0.035	0.037	1.811	1.923	
24	19 X 36	24(19) KKN-UN	Negative	Red	0.362	Unilay	0.250	0.022	0.025	0.035	0.037	1.857	1.981	
24	19 X 36	24(19) KKN-TC	Negative	Red	0.362	True Concentric	0.250	0.024	0.027	0.035	0.037	1.811	1.923	
22	19 X 34	22(19) KKP-UN	Positive	Yellow	0.557	Unilay	0.375	0.028	0.032	0.043	0.045	2.748	2.923	
22	19 X 34	22(19) KKP-TC	Positive	Yellow	0.557	True Concentric	0.375	0.030	0.034	0.043	0.045	2.679	2.835	
22	19 X 34	22(19) KKN-UN	Negative	Red	0.228	Unilay	0.375	0.028	0.032	0.043	0.045	2.748	2.923	
22	19 X 34	22(19) KKN-TC	Negative	Red	0.228	True Concentric	0.375	0.030	0.034	0.043	0.045	2.679	2.835	