



PMC A DIVISION OF ROCKBESTOS-SURPRENANT CABLE CORPORATION
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 SPECIALIZING IN WIRE & CABLE FOR THE SENSOR INDUSTRY FAX (800) 639-5701

QUOTE SPECIFICATION

Quote Number: 02-225
 Proposed PMC Part Number: TBD
 Customer Part Number: K-208CK/NK051-18F

This specification covers an eight pair, 18 AWG stranded, type K thermocouple, standard limits of error, polyimide tape insulated and jacketed, individual and overall tape shielded cable.

Conductor

Size: 18 AWG 7/26
 Nominal OD: 0.048"
 Positive leg: KP thermoelement, NiCr
 Negative leg: KN thermoelement, NiAl

Insulation

Material: Fused polyimide film
 Nominal wall: 0.0065"
 Nominal OD: 0.061"
 Color code: (+) Yellow; (-) Red

Individual Pairs

Nominal lay: 1.75" LHL
 Drain wire: 22 AWG stranded tin plated copper
 Shield: Aluminized polyimide tape, minimum 25% lap
 Nominal OD: 0.126"

Cable

Nominal lay: 5.50", left hand
 Separator: Polyimide tape, minimum 25% lap
 Drain wire: 22 AWG stranded tin plated copper
 Shield: Aluminum polyimide film, minimum 25% lap
 Nominal OD: 0.388"

Jacket

Material: Fused polyimide film
 Nominal wall: 0.006"
 Nominal OD: 0.399"
 Color code: Natural (Amber)

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PMC APPROVAL

Rev	Revision	Date	By	Approved
B	Assigns PMC Proposed Part Number	4/15/02	om	JL

CUSTOMER APPROVAL

Date	Approved By (Printed)	Signature

