



PMC A DIVISION OF ROCKBESTOS-SURPRENANT CABLE CORPORATION  
 680 HAYWARD STREET, MANCHESTER, NH 03103 (603) 622-3500  
 SPECIALIZING IN WIRE & CABLE FOR THE SENSOR INDUSTRY FAX (800) 639-5701

## QUOTE SPECIFICATION

Quote Number: NA-083  
 PMC Part Number: TX-201PC/PC031-22U  
 Customer Drawing Number: None supplied

This specification covers a one pair, 22 AWG solid, type T, extension grade, standard limits of error, PVC insulated and jacketed, tape shielded cable, rated to 221°F. This cable is UL Listed Type PLTC, 300V.

**Conductor:**

Size: 22 AWG  
 Nominal OD: 0.025"  
 Positive leg: TPX thermoelement, Cu  
 Negative leg: TNX thermoelement, CuNi

**Insulation:**

Material: PVC 105°C  
 Nominal wall: 0.015"  
 Nominal OD: 0.055"  
 Color code: (+) Blue; (-) Red

**Cable:**

Nominal lay: 1.50" left hand  
 Drain wire: 22 AWG stranded tinned copper  
 Shield: Aluminized polyester tape, minimum 25% lap  
 Nominal OD: 0.114"

**Jacket:**

Material: PVC 105°C  
 Nominal wall: 0.040"  
 Nominal OD: 0.194"  
 Color code: Blue  
 Print legend: In accordance with UL Type PLTC

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PMC APPROVAL

Rev	Revision	Date	By	Approved
A	Initial Release	4/10/02	DMC	

CUSTOMER APPROVAL

Date	Approved By (Printed)	Signature





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## QUOTE SPECIFICATION

**Quote Number: NA-082**  
**PMC Part Number: KX-201PC/PC031-22U**  
**Customer Drawing Number: None supplied**

This specification covers a one pair, 22 AWG solid, type K, extension grade, standard limits of error, PVC insulated and jacketed, tape shielded cable, rated to 221°F. This cable is UL Listed Type PLTC, 300V.

**Conductor:**

Size: 22 AWG  
 Nominal OD: 0.025"  
 Positive leg: KPX thermoelement, NiCr  
 Negative leg: KNX thermoelement, NiAl

**Insulation:**

Material: PVC 105°C  
 Nominal wall: 0.015"  
 Nominal OD: 0.055"  
 Color code: (+) Yellow; (-) Red

**Cable:**

Nominal lay: 1.50" left hand  
 Drain wire: 22 AWG stranded tinned copper  
 Shield: Aluminized polyester tape  
 Nominal OD: 0.114"

**Jacket:**

Material: PVC 105°C  
 Nominal wall: 0.040"  
 Nominal OD: 0.194"  
 Color code: Yellow  
 Print legend: In accordance with UL Type PLTC

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## QUOTE SPECIFICATION

Quote Number: NA-081  
 PMC Part Number: JX-201PC/PC031-22U  
 Customer Drawing Number: None supplied

This specification covers a one pair, 22 AWG solid, type J, extension grade, standard limits of error, PVC insulated and jacketed, tape shielded cable, rated to 221°F. This cable is UL Listed Type PLTC, 300V.

**Conductor:**

Size: 22 AWG  
 Nominal OD: 0.025"  
 Positive leg: JPX thermoelement, Fe  
 Negative leg: JNX thermoelement, CuNi

**Insulation:**

Material: PVC 105°C  
 Nominal wall: 0.015"  
 Nominal OD: 0.055"  
 Color code: (+) White; (-) Red

**Cable:**

Nominal lay: 1.50" left hand  
 Drain wire: 22 AWG stranded tinned copper  
 Shield: Aluminized polyester tape  
 Nominal OD: 0.114"

**Jacket:**

Material: PVC 105°C  
 Nominal wall: 0.040"  
 Nominal OD: 0.194"  
 Color code: Black  
 Print legend: In accordance with UL Type PLTC

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## QUOTE SPECIFICATION

**Quote Number: NA-079**  
**PMC Part Number: KX-201PC/PC031-16U**  
**Customer Drawing Number: None supplied**

This specification covers a one pair, 16 AWG solid, type K, extension grade, standard limits of error, PVC insulated and jacketed, tape shielded cable, rated to 221°F. This cable is UL Listed Type PLTC, 300V.

**Conductor:**

Size: 16 AWG  
 Nominal OD: 0.051"  
 Positive leg: KPX thermoelement, NiCr  
 Negative leg: KNX thermoelement, NiAl

**Insulation:**

Material: PVC 105°C  
 Nominal wall: 0.015"  
 Nominal OD: 0.081"  
 Color code: (+) Yellow; (-) Red

**Cable:**

Nominal lay: 2.25" left hand  
 Drain wire: 22 AWG stranded tinned copper  
 Shield: Aluminized polyester tape, minimum 25% lap  
 Nominal OD: 0.165"

**Jacket:**

Material: PVC 105°C  
 Nominal wall: 0.040"  
 Nominal OD: 0.245"  
 Color code: Yellow  
 Print legend: In accordance with UL Type PLTC

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## QUOTE SPECIFICATION

Quote Number: NA-080  
 PMC Part Number: TX-201PC/PC031-16U  
 Customer Drawing Number: None supplied

This specification covers a one pair, 16 AWG solid, type T, extension grade, standard limits of error, PVC insulated and jacketed, tape shielded cable, rated to 221°F. This cable is UL Listed PLTC, 300V.

**Conductor:**

Size: 16 AWG  
 Nominal OD: 0.051"  
 Positive leg: TPX thermoelement, Cu  
 Negative leg: TNX thermoelement, CuNi

**Insulation:**

Material: PVC 105°C  
 Nominal wall: 0.015"  
 Nominal OD: 0.081"  
 Color code: (+) Blue; (-) Red

**Cable:**

Nominal lay: 2.25" left hand  
 Drain wire: 22 AWG 7/0096 tinned copper  
 Shield: Aluminized polyester tape, foil side in, minimum 25% lap  
 Nominal OD: 0.165"

**Jacket:**

Material: PVC 105°C  
 Nominal wall: 0.040"  
 Nominal OD: 0.245"  
 Color code: Blue  
 Print legend: In accordance with UL Type PLTC

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**PMC APPROVAL**

Rev	Revision	Date	By	Approved
A	Initial Release	4/10/02	<i>BM</i>	<i>LM</i>

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## QUOTE SPECIFICATION

Quote Number: NA-078  
 PMC Part Number: JX-201PC/PC031-16U  
 Customer Drawing Number: None supplied

This specification covers a one pair, 16 AWG solid, type J, extension grade, standard limits of error, PVC insulated and jacketed, tape shielded cable, rated to 221°F. This cable is UL Listed Type PLTC, 300V.

**Conductor:**

Size: 16 AWG  
 Nominal OD: 0.051"  
 Positive leg: JPX thermoelement, Fe  
 Negative leg: JNX thermoelement, CuNi

**Insulation:**

Material: PVC 105°C  
 Nominal wall: 0.015"  
 Nominal OD: 0.081"  
 Color code: (+) White; (-) Red

**Individual Pair:**

Nominal lay: 2.25" left hand  
 Drain wire: 22 AWG stranded tinned copper  
 Shield: Aluminized polyester tape  
 Nominal OD: 0.165"

**Jacket:**

Material: PVC 105°C  
 Nominal wall: 0.040"  
 Nominal OD: 0.245"  
 Color code: Black  
 Print legend: In accordance with UL Type PLTC

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PMC APPROVAL

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A	Initial Release	4/10/12	<i>DMC</i>	<i>[Signature]</i>

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## QUOTE SPECIFICATION

Quote Number: NA-077  
 Proposed PMC Part Number: TX-201CK/NK031-16  
 Customer Drawing Number: None supplied

This specification covers a one pair, 16 AWG solid, type T, extension grade, standard limits of error, polyimide film insulated and jacketed, tape shielded cable, rated to 500°F.

### Conductor

Size: 16 AWG  
 Nominal OD: 0.051"  
 Positive leg: TPX thermocouple, Cu  
 Negative leg: TNX thermocouple, CuNi

### Insulation

Material: Fused polyimide film  
 Nominal wall: 0.007"  
 Nominal OD: 0.065"  
 Color code: (+) Blue; (-) Red

### Cable

Nominal lay: 1.75", left hand  
 Drain wire: 22 AWG stranded tin plated copper  
 Shield: Aluminized polyimide tape, minimum 25% lap  
 Nominal OD: 0.133"

### Jacket

Material: Fused polyimide film  
 Nominal wall: 0.006"  
 Nominal OD: 0.145"  
 Color: Natural (Amber)

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## QUOTE SPECIFICATION

**Quote Number: NA-076**  
**Proposed PMC Part Number: KX-201CK/NK031-16**  
**Customer Drawing Number: None supplied**

This specification covers a one pair, 16 AWG solid, type K, extension grade, standard limits of error, polyimide film insulated and jacketed, tape shielded cable, rated to 500°F.

**Conductor**

Size: 16 AWG  
 Nominal OD: 0.051"  
 Positive leg: KPX thermocouple, NiCr  
 Negative leg: KNX thermocouple, NiAl

**Insulation**

Material: Fused polyimide film  
 Nominal wall: 0.007"  
 Nominal OD: 0.065"  
 Color code: (+) Yellow; (-) Red

**Cable**

Nominal lay: 1.75", left hand  
 Drain wire: 22 AWG stranded tin plated copper  
 Shield: Aluminized polyimide tape, minimum 25% lap  
 Nominal OD: 0.133"

**Jacket**

Material: Fused polyimide film  
 Nominal wall: 0.006"  
 Nominal OD: 0.145"  
 Color code: Natural (Amber)

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