

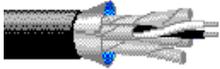
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## FULL TECHNICAL SPECS



### 3013A Paired - Power Limited Tray Cable 300 Volts

Total # Cond.		# Pairs		
48		24		
AWG	Stranding	Type	Insulation	Shield
22	(7x30)	BC - Bare Copper	PVC - Polyvinyl Chloride	Individual/Overall Aluminum Foil-Polyester Tape
Jacket		Jacket Thickness (in.)		Nom. OD (in.)
PVC - Polyvinyl Chloride		.0650		.8000
For technical data, click the button below <a href="#">Tech Data</a> or call 1-888-Belden8		For available colors, click the button below <a href="#">Put-ups &amp; Colors</a> or call 1-888-Belden8		
<b>Description</b>				
<p>Paired, 24 pairs, 22 AWG, stranded (7x30) BC - Bare Copper conductors, PVC - Polyvinyl Chloride insulation, individual Aluminum Foil-Polyester Tape (Beldfoil) shield, overall Aluminum Foil-Polyester Tape (Beldfoil) shield, PVC - Polyvinyl Chloride jacket. Applicable Specifications: UL PLTC, ITC, CMG, C(UL) CMG, FT4, IEEE 1202. Flame Resistance: CSA FT4 Flame Test, UL 1581 Vertical Tray. Power Limited Tray. Industrial Automation &amp; Process Control Cables. Tinned copper conductors available as a special. Other insulation and jacket options are available. These cables are suitable for installation in wet or dry locations. Cable jackets are sunlight resistant, impervious to moisture and vapor penetration, and non-propagating. Alternate conductor color coding is available as a special order. Multiple pair cables have each pair numbered for ease of identification. Individually shielded and overall shielded - individually shielded pairs with an overall shield are recommended for use in instrument and control applications where optimum noise rejection is required. Individual pair shields are fully isolated from each other and contain a separate drain wire for grounding, to provide maximum protection from crosstalk and common mode interference. Cables with an overall shield provide additional electrostatic noise protection. BELDFOIL is a Belden registered trademark.</p>				

Disclaimer: Great effort is made to ensure the accuracy of the information presented, but errors or omissions may occur. This listing of information is presented as a courtesy and does not ensure that a product with these specifications is available. Specification and availability should be confirmed with a call to our sales representative or to Customer Service. Have a question? Call us at 1-800-BELDEN-1 or send us a [comment](#)

07/09/02



November 13, 2002

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11-13-02 REV. 0

3013A

I. DESCRIPTION:

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24 PAIR 22 AWG (7X#30) BARE COPPER, PVC INSULATION  
+ 1 #22 AWG BARE COPPER COMMUNICATIONS WIRE, OVERALL  
BELDFOIL SHIELD, 22 AWG (7 X #30) TINNED COPPER DRAIN,  
PVC JACKET.

II. ELECTRICAL CHARACTERISTICS:

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MAX. OPERATING VOLTAGE: 300 V RMS  
MAX. CONTINUOUS CURRENT  
PER CONDUCTOR @ 25 DEG. C: 2.4 A

NOM. INDUCTANCE OF PAIRS: .21 MICRO-H/100 FT.  
NOM. CONDUCTOR DC RESISTANCE  
@ 20 DEG. C: 15 OHMS/1000 FT.  
NOM. SHIELD DC RESISTANCE  
@ 20 DEG. C: 15 OHMS/1000 FT.

III. PHYSICAL CHARACTERISTICS:

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TEMPERATURE RATING: -30 TO +105 DEG. C  
INSULATION MATERIAL & DIA: PVC; .062"  
JACKET MATERIAL: PVC;  
JACKET DIAMETER: .832"  
TYPE SHIELD AND % COVERAGE: OVERALL BELDFOIL; 100%  
MAX. PULLING TENSION: 540 LBS  
MIN. BEND RADIUS: 8.3"

APPLICABLE SPECIFICATIONS: UL PLTC OR ITC OR CMG  
OR C(UL) CMG, FT4,



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IEEE 1202  
FLAME RESISTANCE: CSA FT4 FLAME TEST  
UL 1581 VERTICAL TRAY  
COLOR CODE: BLACK&WHITE NUMBERED  
PAIRS, ORANGE COMM.  
WIRE