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FULL TECHNICAL SPECS



3011A Paired - Power Limited Tray Cable 300 Volts

Total # Cond.		# Pairs		
32		16		
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		.0640		.6740
For technical data, click the button below Tech Data or call 1-888-Belden8		For available colors, click the button below Put-ups & Colors or call 1-888-Belden8		
Description				
<p>Paired, 16 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 Cable. Industrial Automation & 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

3011A

I. DESCRIPTION:

POWER LIMITED TRAY CABLE - 16 PAIR 22 AWG STRANDED
(7X30) BARE COPPER, 105C PVC INSULATION, WITH ORANGE
PVC INSULATED 22 AWG TINNED COPPER COMMUNICATION
WIRE, INDIVIDUAL AND OVERALL BELDFOIL SHIELDS, WITH
PVC JACKET AND NYLON RIPCORD.

II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE: 300 V RMS

MAX. CONTINUOUS CURRENT

PER CONDUCTOR @ 25C: 2.4 A

NOM. INDUCTANCE OF PAIRS: .21 MICRO-H/FT

CONDUCTOR DC RESISTANCE @ 20C: 15 OHMS/1000 FT

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING: -30C TO +105C

INSULATION MATERIAL & DIA: PVC; .062"

JACKET MATERIAL (COLOR): PVC (BLACK - SUNLIGHT
RESISTANT)

NOM. JACKET DIAMETER: .681"

TENSILE STRENGTH: 350 LBS. ESTIMATED

MIN. BEND RADIUS: 6.8"

NOM. WEIGHT/1000 FT: 210 LBS. ESTIMATED

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



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IEEE 1202

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