



**Part Number:** 27122A

600V Tray, (15) 12 AWG (7x20) BC, PVC-NYL/PVC, TC

## Product Description

Fifteen 12 AWG stranded (7x20) bare copper conductors, PVC/Nylon insulation, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	12	7x20	BC - Bare Copper	15
No Ground				
<b>Total Number of Conductors:</b>				15

#### Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon

#### Color Chart 1:

Number	Color
1	Black
2	Red
3	Blue
4	Orange
5	Yellow
6	Brown
7	Red/Black
8	Blue/Black
9	Orange/Black
10	Yellow/Black
11	Brown/Black
12	Black/Red
13	Blue/Red
14	Orange/Red
15	Yellow/Red

**Stranding:**

**Lay Length**

N mm

**Outershield 1:**

**Material**

Unshielded

**Outerjacket 1:**

**Material**

PVC - Polyvinyl Chloride

**Nominal Diameter**

0.74 in

**Nominal Wall Thickness**

0.06 in

**Electrical Characteristics**

**Conductor DCR:**

**Nominal Conductor DCR**

1.65 Ohm/1000ft

**Current:**

**Max. Recommended Current [A]**

16 Amps per conductor @ 25°C

**Voltage:**

## UL Voltage Rating

600 V RMS

## Use

**Max Recommended Pulling Tension:** 911 lbs

## Safety

<b>CSA Flammability:</b>	FT4
<b>ICEA Flammability:</b>	T-29-520
<b>IEEE Flammability:</b>	1202
<b>UL Flammability:</b>	UL1685 UL Loading

## Temperature Range

<b>Dry Temp Range:</b>	-30°C To +90°C Dry
<b>Wet Temp Range:</b>	-30°C To +75°C

## Mechanical Characteristics

**Min Bend Radius/Minor Axis:** 7.4 in

## Part Number

**Plenum (Y/N):** No

## Standards

<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	CA Prop 65 (CJ for Wire & Cable)
<b>MII Order #39 (China RoHS):</b>	MII Order #39 (China RoHS)
<b>NEC/(UL) Specification:</b>	NEC/(UL) Specification
<b>Other Specification:</b>	Other Specification
<b>EU Directive Compliance:</b>	EU Directive 2003/11/EC (BFR)

## History

© 2016 Belden, Inc

All Rights Reserved

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product

Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.