



**Part Number:** 1088A

600V Tray, (50 pr) 18 AWG (7x26) BC, PVC-NYL/PVC, Foil Shld, TC-ER

## Product Description

Fifty 18 AWG pairs stranded (7x26) bare copper conductors, twisted pairs, PVC/Nylon insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Pairs
18	7x26	BC - Bare Copper	50
<b>Total Number of Conductors:</b>			100

#### Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon

#### Color Chart 1:

Number	Color
1	Black and White Numbered 1
2	Black and White Numbered 2
3	Black and White Numbered 3
4	Black and White Numbered 4
5	Black and White Numbered 5

6	Black and White Numbered 6
7	Black and White Numbered 7
8	Black and White Numbered 8
9	Black and White Numbered 9
10	Black and White Numbered 10
11	Black and White Numbered 11
12	Black and White Numbered 12
13	Black and White Numbered 13
14	Black and White Numbered 14
15	Black and White Numbered 15
16	Black and White Numbered 16
17	Black and White Numbered 17
18	Black and White Numbered 18
19	Black and White Numbered 19
20	Black and White Numbered 20
21	Black and White Numbered 21
22	Black and White Numbered 22
23	Black and White Numbered 23
24	Black and White Numbered 24
25	Black and White Numbered 25
26	Black and White Numbered 26
27	Black and White Numbered 27
28	Black and White Numbered 28
29	Black and White Numbered 29
30	Black and White Numbered 30
31	Black and White Numbered 31
32	Black and White Numbered 32
33	Black and White Numbered 33
34	Black and White Numbered 34
35	Black and White Numbered 35
36	Black and White Numbered 36
37	Black and White Numbered 37
38	Black and White Numbered 38
39	Black and White Numbered 39
40	Black and White Numbered 40
41	Black and White Numbered 41
42	Black and White Numbered 42
43	Black and White Numbered 43
44	Black and White Numbered 44
45	Black and White Numbered 45
46	Black and White Numbered 46

47	Black and White Numbered 47
48	Black and White Numbered 48
49	Black and White Numbered 49
50	Black and White Numbered 50

**Stranding:**

Lay Length
2.5 in
2.75 in

**Cabling 1:**

Lay Length
18.3 in

**Outershield 1:**

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	18	7x26 mm

**Outerjacket 1:**

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	1.446 in	0.084 in	Yes

**Electrical Characteristics**

**Conductor DCR:**

Nominal Conductor DCR	Nominal Outer Shield DCR
5.86 Ohm/1000ft	3.8 Ohm/1000ft

**Voltage:**

UL Voltage Rating
600 V RMS (NEC Type TC)
150 V RMS (NPLF)

**Use**

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	2262 lbs

**Safety**

<b>C(UL) Flammability:</b>	FT4
<b>IEEE Flammability:</b>	1202
<b>UL Flammability:</b>	UL1685 UL Loading

## Temperature Range

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

## Mechanical Characteristics

<b>Min Bend Radius/Minor Axis:</b>	14.5 in
------------------------------------	---------

## Part Number

<b>Plenum (Y/N):</b>	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>Other Specification:</b>	Other Specification
<b>EU Directive Compliance:</b>	EU Directive 2003/11/EC (BFR)
<b>EU CE Mark:</b>	EU CE Mark

## History

<b>Notes:</b>	Alternate color coding available upon request.
---------------	--

© 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.