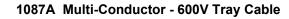
Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION





For more Information please call

1-800-Belden1



Description:

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

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
36	18	7x26	BC - Bare Copper

Total Number of Conductors: 72

Insulation

Insulation Material:

Insulation Material PVC/Nylon - Polyvinyl Chloride/Nylon

Outer Shield

Outer Shield Material:

Outer Shield Trade Name		Type	Outer Shield Material	Coverage (%)
	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

	AWG	Stranding	Drain Wire Conductor Material		
ı	18	7x26	TC - Tinned Copper		

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	2.1336

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:



Overall Nominal Diameter: 29.972 mm

Pair

Pair Color Code Chart:

Number	Color
1	Black & White Numbered 1
2	Black & White Numbered 2
3	Black & White Numbered 3
4	Black & White Numbered 4
5	Black & White Numbered 5
6	Black & White Numbered 6
7	Black & White Numbered 7
8	Black & White Numbered 8
9	Black & White Numbered 9
10	Black & White Numbered 10

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1087A Multi-Conductor - 600V Tray Cable

11	Black & White Numbered 11
12	Black & White Numbered 12
13	Black & White Numbered 13
14	Black & White Numbered 14
15	Black & White Numbered 15
16	Black & White Numbered 16
17	Black & White Numbered 17
18	Black & White Numbered 18
19	Black & White Numbered 19
20	Black & White Numbered 20
21	Black & White Numbered 21
22	Black & White Numbered 22
23	Black & White Numbered 23
24	Black & White Numbered 24
25	Black & White Numbered 25
26	Black & White Numbered 26
27	Black & White Numbered 27
28	Black & White Numbered 28
29	Black & White Numbered 29
30	Black & White Numbered 30
31	Black & White Numbered 31
32	Black & White Numbered 32
33	Black & White Numbered 33
34	Black & White Numbered 34
35	Black & White Numbered 35
36	Black & White Numbered 36

Pair Lay Length & Direction:

Lay Length (mm
63.49975
69.849725

Me	Mechanical Characteristics (Overall)			
	Wet Temperature Range:	-30°C To +75°C		
	Dry Temperature Range:	-30°C To +90°C		
	Bulk Cable Weight:	1078.940 Kg/Km		
	Max. Recommended Pulling Tension:	7272.810 N		
	Min. Bend Radius/Minor Axis:	297.180 mm		

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

CA Prop 65 (CJ for Wire & Cable):

NEC/(UL) Specification: EU CE Mark: Yes EU Directive 2000/53/EC (ELV): Yes EU Directive 2002/95/EC (RoHS): Yes EU RoHS Compliance Date (mm/dd/yyyy): O4/01/2005 EU Directive 2002/96/EC (WEEE): Yes EU Directive 2003/11/EC (BFR): Yes

Yes

MII Order #39 (China RoHS):	Yes
Other Specification:	ICEA S-73-532, S-61-402

Flame Test

UL Flame Test:	UL1685 UL Loading

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1087A Multi-Conductor - 600V Tray Cable

C(UL) Flame Test:	FT4	
IEEE Flame Test:	1202	
Suitability		
Suitability - Burial:	Yes	
Sunlight Resistance:	Yes	
Plenum/Non-Plenum		
Plenum (Y/N):	No	

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 19.2267

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 13.4521

Max. Operating Voltage - UL:

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

Notes (Overall)

Notes: Alternate color coding available upon request.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1087A 0101250	381 MT	455.862 KG	BLACK	CZ	18/36 PR VNTC OS 600V

Notes:

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

Revision Number: 1 Revision Date: 06-16-2011

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