Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



1066A Multi-Conductor - 600V Tray Cable



For more Information please call

1-800-Belden1



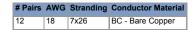
General Description:

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:



Total Number of Conductors:

24

Insulation

Insulation Material:



Outer Shield

Outer Shield Material:

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

Outer Shield Drain Wire AWG:

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

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm		
PVC - Polyvinyl Chloride	1.6256		

Outer Jacket Ripcord:

Yes

Overall Cable

Overall Nominal Diameter:

18.212 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
11	Black & White Numbered 11
12	Black & White Numbered 12

Mechanical Characteristics (Overall)

Wet Temperature Range:	-30°C To +75°C
Dry Temperature Range:	-30°C To +90°C
Bulk Cable Weight:	400.623 Kg/Km
Max. Recommended Pulling Tension:	2490.990 N
Min. Bend Radius/Minor Axis:	182.880 mm

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Applicable Specifications and Agency Compliance (Overall)					
Applica	Applicable Standards & Environmental Programs				
NEC	C/(UL) Specification:	NPLF, TC-ER			
EU	Directive 2011/65/EU (ROHS II):	Yes			
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):	04/01/2005			
EU	Directive 2002/96/EC (WEEE):	Yes			
EU	Directive 2003/11/EC (BFR):	Yes			
CA	Prop 65 (CJ for Wire & Cable):	Yes			
MII	Order #39 (China RoHS):	Yes			
Oth	ner Specification:	ICEA S-73-532, S-61-402			
Flame Test					
UL Flame Test:		UL1685 UL Loading			
C(U	JL) Flame Test:	FT4			
IEEI	E Flame Test:	1202			
Suitabil	lity				
Suit	tability - Burial:	Yes			
Sun	nlight Resistance:	Yes			
Plenum	n/Non-Plenum				
Pler	num (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) 13.8458

Max. Operating Voltage - UL:

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
1066A 0105000	5,000 FT	1,450.000 LB	BLACK	CZ	12 PR #18 PVC/NYL FS PVC

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

Revision Number: 2 Revision Date: 02-13-2014

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