Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



3088AE Multi-Conductor - 600V Tray Cable



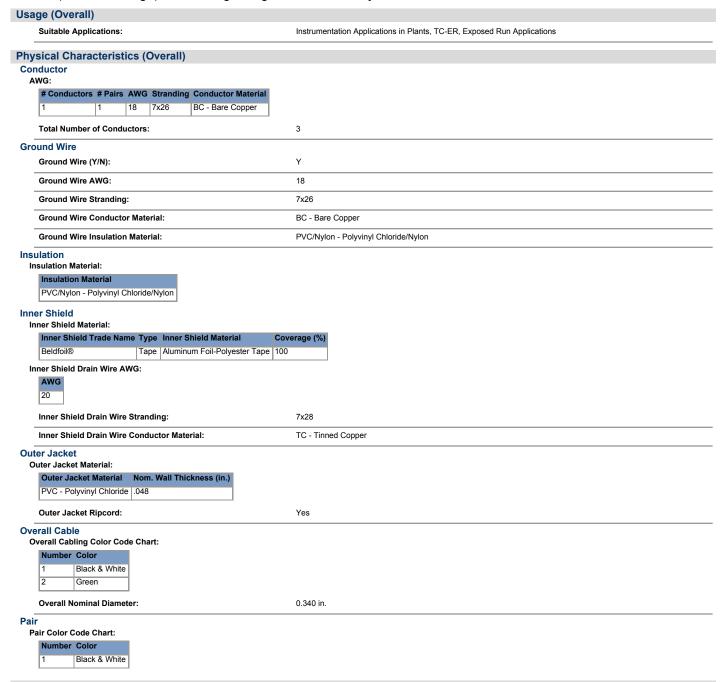
For more Information please call

1-800-Belden1



General Description:

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



Mechanical Characteristics (Overall)

Wet Temperature Range:

-30°C To +75°C

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Dry Temperature Range:	-30°C To +90°C
Bulk Cable Weight:	56 lbs/1000 ft.
Max. Recommended Pulling Tension:	80 lbs.
Min. Bend Radius/Minor Axis:	3.400 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs				
NEC/(UL) Specification:	NPLF, TC-ER, UL 1277			
EU Directive 2011/65/EU (ROHS II):	Yes			
EU Directive 2000/53/EC (ELV):	Yes			
EU Directive 2002/95/EC (RoHS):	Yes			
EU RoHS Compliance Date (mm/dd/yyyy):	09/23/2005			
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			
Other Specification:	ICEA S-73-532, S-61-402			
Flame Test				
UL Flame Test:	UL1685 UL Loading			
C(UL) Flame Test:	FT4			
IEEE Flame Test:	1202/383			
ICEA Flame Test:	T-29-520			
Suitability				
Suitability - Burial:	Yes			
Sunlight Resistance:	Yes			
Plenum/Non-Plenum				

No

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft) .1945

Plenum (Y/N):

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft) 74.3

Nom. Mutual Capacitance:

Capacitance (pF/ft)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 5.86

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 7.46

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
3088AE 0101000	1,000 FT	61.000 LB	BLACK	С	2 #18 PVC/NYL FS + 1 #18 PVC
3088AE 0105000	5,000 FT	310.000 LB	BLACK	CZ	2 #18 PVC/NYL FS + 1 #18 PVC

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C = CRATE REEL PUT-UP.

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: 05-14-2007

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