

For more Information
please call

1-800-Belden1



General Description:

18 AWG stranded (7x26) tinned copper conductors, flame-retardant polyolefin insulation, overall Beldfoil® (100% coverage) plus a tinned copper braid shield (55% coverage), sunlight resistant PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
1	18	7x26	TC - Tinned Copper	.046

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FRPO - Flame Retardant Polyolefin	.123

Outer Shield

Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	55

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
20	7x28	TC - Tinned Copper

Outer Shield Drain Wire Diameter: .038

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.388 in.

Pair

Pair Color Code Chart:

Number	Color
1	Natural
2	Blue

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +75°C

UL Temperature Rating: 75°C Dry

Bulk Cable Weight: 61 lbs/1000 ft.

Max. Recommended Pulling Tension: 90 lbs.

Min. Bend Radius/Minor Axis: 4 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG, PLTC, ITC, TC
CEC/C(UL) Specification:	CMG
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):	10/13/2005
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

Flame Test

UL Flame Test:	UL1685 FT4 Loading
C(UL) Flame Test:	FT1, FT4

Suitability

Sunlight Resistance:	Yes
----------------------	-----

Plenum/Non-Plenum

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

Surface Printing (Overall)

Surface Printing:	BELDEN DATATRAY(R) 3073F E64067 1PR18 SHIELDED (UL) 600V 75C DRY SUN RES TYPE TC OR PLTC OR ITC OR CMG OR C(UL) CMG (2 FT 7 DIGIT SEQUENTIAL NUMBER) FEET
-------------------	---

Electrical Characteristics (Overall)

Nominal Input Impedance:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Impedance (Ohm)
	1			100

Nom. Inductance:

Inductance (µH/ft)	.15
--------------------	-----

Nom. Mutual Capacitance:

Capacitance (pF/ft)	15.3
---------------------	------

Nominal Velocity of Propagation:

VP (%)	64.5
--------	------

Nominal Delay:

Delay (ns/ft)	1.58
---------------	------

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)	6.9
--------------------------	-----

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)	2.9
--------------------------	-----

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	.41
10	1.33
50	2.97
100	4.20
200	5.95
400	7.52

Max. Operating Voltage - UL:

Voltage
600 V RMS (NEC Type TC)

Notes (Overall)

Notes: CPE Jacket Optional.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
3073F C551000	1,000 FT	85.000 LB	BLUE, CAIRO	C	BRAID #18 FS PR FRPP SH PVC
3073F C555000	5,000 FT	420.000 LB	BLUE, CAIRO	C N	BRAID #18 FS PR FRPP SH PVC

Notes:

C = CRATE REEL PUT-UP.

N = FINAL PUT-UP LENGTH MAY VARY -0% TO +10% FROM LENGTH SHOWN.

Revision Number: 1 Revision Date: 05-14-2007

© 2019 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 2014/35/EU).