



Part Number: 87723
Double-Pair Cable

Product Description

22 AWG stranded (7x30) TC conductors, plenum, FEP insulation, twisted pairs, individually shielded Beldfoil® (100% coverage), 24 AWG stranded TC drain wire, fluorocopolymer jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Pairs
22	7X30	TC - Tinned Copper	2
Total Number of Conductors:			4

Insulation:

Material	Nominal Wall Thickness
FEP - Fluorinated Ethylene Propylene	0.007 in

Color Chart 1:

Number	Color
1	Red & Black
2	Green & White

Innershield:

Type	Material	Material Trade Name	Coverage [%]	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil® (Z-Fold®)	100 %	24	7x32 mm
				TC - Tinned Copper	

Outershield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVDF - Fluorocopolymer	0.148 in	0.014 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR	Nominal Conductor Loop DCR	Nominal Inner Shield DCR
14.7 Ohm/1000ft	34 Ohm/1000ft	15 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
35 pF/ft	67 pF/ft

Impedance:

Nominal Characteristic Impedance
40 Ohm

Delay:

Nominal Velocity of Propagation (VP) [%]
69 %

Current:

Max. Recommended Current [A]
2.3 Amps per conductor @ 25°C

Voltage:

UL Voltage Rating
300 V RMS

Use

Max Recommended Pulling Tension:	46 lbs
----------------------------------	--------

Safety

CSA Flammability:	FT6
UL Flammability:	NFPA 262

Temperature Range

Operating Temp Range:	-20°C To +150°C
-----------------------	-----------------

Mechanical Characteristics

Min Bend Radius/Minor Axis:	1.5 in
-----------------------------	--------

Part Number

Plenum (Y/N):	Yes
Non-Plenum Number:	8723

Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
CEC/C(UL) Specification:	CEC/C(UL) Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

History

© 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.