

85220 Multi-Conductor - Control and Instrumentation Cables, 2 Conductors Cabled



For more Information
please call

1-800-Belden1

**General Description:**

20 AWG stranded (7x28) TC conductors, conductors cabled, Tefzel® insulated, Tefzel jacket.

Physical Characteristics (Overall)**Conductor**

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	20	7x28	TC - Tinned Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Trade Name	Wall Thickness (mm)
Tefzel®	0.381

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Nom. Wall Thickness (mm)
Tefzel®	0.508

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 4.699 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-60°C To +150°C
Non-UL Temperature Rating:	150°C
Bulk Cable Weight:	28.276 Kg/Km
Max. Recommended Pulling Tension:	124.550 N
Min. Bend Radius/Minor Axis:	50.800 mm

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

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
Other Specification:	NEMA HP3

Flame Test

METRIC MEASUREMENT VERSION

85220 Multi-Conductor - Control and Instrumentation Cables, 2 Conductors Cabled

UL Flame Test:	VW-1
Plenum/Non-Plenum	
Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Inductance:
Inductance (µH/m)
0.610266
Nom. Conductor DC Resistance:
DCR @ 20°C (Ohm/km)
30.5133
Max. Operating Voltage - Non-UL:
Voltage
300 V RMS
Max. Recommended Current:
Current
4 Amps per conductor @ 25°C

Notes (Overall)

Notes:	Tefzel is a trademark of Dupont.
--------	----------------------------------

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
85220 368100	100 FT	3.800 LB	CLEAR, TRANSPARENT		2#20 TEFZEL TEFZEL
85220 3681000	1,000 FT	23.000 LB	CLEAR, TRANSPARENT	C	2#20 TEFZEL TEFZEL

Notes:
C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 10-15-2012

© 2015 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.