

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

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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.

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