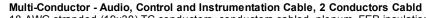
Print Preview

Show Metric

83652



18 AWG stranded (19x30) TC conductors, conductors cabled, plenum, FEP insulation, overall Beldfoil® (100% coverage) + TC braid shield (85% coverage), FEP jacket.

Please call 1-800-Belden1

For more Information



Put Ups and Colors:

Item ##	Putup	Ship Weight	Color	Notes	Item Desc
83652 002100	100 FT	4.500 LB	RED	С	2#18 FEP SH FEP
83652 0021000	1,000 FT	28.000 LB	RED	С	2#18 FEP SH FEP
83652 0022000	2,000 FT	56.000 LB	RED		2 #18 FEP SH FEP
83652 002500	500 FT	15.000 LB	RED	С	2#18 FEP SH FEP
83652 0025000	5,000 FT	135.000 LB	RED		2 #18 FEP SH FEP

Notes:

C = CRATE REEL PUT-UP.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	18	19x30	TC - Tinned Copper

Total Number of Conductors:

2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.

Outer Shield

Outer Shield Material:

Layer#	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Beldfoil®	Таре	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	85

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
FEP - Fluorinated Ethylene Propylene	.014

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White

Overall Nominal Diameter: 0.171 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -70°C To +200°C

Bulk Cable Weight: 26 lbs/1000 ft.

Max. Recommended Pulling Tension: 48 lbs.

Min. Bend Radius/Minor Axis: 1.750 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMP CEC/C(UL) Specification: CMP 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

Flame Test

UL Flame Test: NFPA 262
CSA Flame Test: FT6

Plenum/Non-Plenum Plenum (Y/N): Yes **Electrical Characteristics (Overall)** Nom. Inductance: Inductance (µH/ft) .124 Nom. Capacitance Conductor to Conductor: Capacitance (pF/ft) Nom. Capacitance Cond. to Other Conductor & Shield: Capacitance (pF/ft) 60 Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 5.8 Nominal Outer Shield DC Resistance: DCR @ 20°C (Ohm/1000 ft) 5.8 Max. Operating Voltage - UL: Voltage 300 V RMS Max. Recommended Current: Current 5.4 Amps per conductor @ 25°C

Close

Revision Number: 2 Revision Date: 09-21-2012

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