# **Detailed Specifications & Technical Data**



ENGLISH MEASUREMENT VERSION

## 82740 Multi-Conductor - Audio, Control and Instrumentation Cable

For more Information please call

1-800-Belden1



## **Description:**

18 AWG stranded (19x30) tinned copper conductors, plenum, FEP insulation, twisted pair, Flamarrest® jacket.

Physical Characteristics (Overall)	
Conductor AWG:	
# Pairs AWG Stranding Conductor Material	
1 18 19x30 TC - Tinned Copper	
Insulation	
Insulation Material:	
Insulation Material Wall Thickness	(in.)
FEP - Fluorinated Ethylene Propylene .007	
Outer Shield Outer Shield Material:	
Outer Shield Material	
Unshielded	
Duter Jacket	
Outer Jacket Material:	
Outer Jacket Trade Name Outer Jacket Material	Nom. Wall Thickness (in.)
Flamarrest® LS PVC - Low Smoke Polyvin	inyl Chloride  .015
verall Cable	
Overall Nominal Diameter:	0.143 in.
Pair	
Pair Color Code Chart: Number Color	
1 Black & Red	
echanical Characteristics (Overall)	
Operating Temperature Range:	0°C To +75°C
Bulk Cable Weight:	17.400 lbs/1000 ft.
Max. Recommended Pulling Tension:	50 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.500 in.
nuliashla Crasifications and Assess Con	
pplicable Specifications and Agency Cor Applicable Standards & Environmental Progra	
NEC/(UL) Specification:	CMP
	CMP
CEC/C(UL) Specification:	
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
	10/01/2005

EU RoHS Compliance Date (mm/dd/yyyy):

10/01/2005

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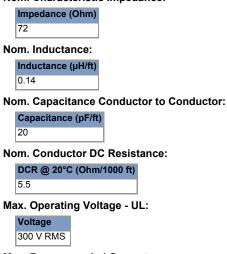
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EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Flame Test	
UL Flame Test:	NFPA 262
C(UL) Flame Test:	FT6
Plenum/Non-Plenum	
Plenum (Y/N):	Yes
Plenum Number:	9740

#### **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:



#### Max. Recommended Current:

Current

5.4 Amps per conductor @ 25°C

#### **Related Documents:**

No related documents are available for this product

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
82740 877U1000	1,000 FT	17.000 LB	NATURAL		1 PR #18 FEP FLMRST
82740 8771000	1,000 FT	17.000 LB	NATURAL	С	1 PR #18 FEP FLMRST
82740 8775000	5,000 FT	80.000 LB	NATURAL		1 PR #18 FEP FLMRST

Notes:

C = CRATE REEL PUT-UP.

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