Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



27161A Multi-Conductor - 600V Type TC Cable

For more Information please call

1-800-Belden1



Description:

1 AWG multi-conductor stranded (19x14) bare copper conductors, 6 AWG bare copper ground wire, PVC/Nylon insulation, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
3	1	19x14	BC - Bare Copper

Ground Wire

Ground Wire (Y/N):	Υ
Ground Wire AWG:	6
Ground Wire Stranding:	7x14
Ground Wire Conductor Material:	BC - Bare Copper

Insulation

Insulation Material:

Insulation	on Material
PVC/Nyl	on - Polyvinyl Chloride/Nylon

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.080

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black and Numbered 1
2	Black and Numbered 2
3	Black and Numbered 3

Overall Nominal Diameter: 1.120 in.

Mechanical Characteristics (Overall)

Wet Temperature Range:	-30°C To +75°C
Dry Temperature Range:	-30°C To +90°C
Max. Recommended Pulling Tension:	2919 lbs.
Min. Bend Radius (Install)/Minor Axis:	11.200 in.

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Applicable Specifications and Agency Co	mpliance (Overall)		
Applicable Standards & Environmental Progr	rams		
NEC/(UL) Specification: TC, NPLF, THHN/THWN Singles			
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:	ICEA S-73-532, S-95-658, S-61-402		
Flame Test			
UL Flame Test:	UL1685 UL Loading		
CSA Flame Test:	FT4		
ICEA Flame Test:	T-29-520		
Suitability			
Suitability - Burial:	Yes		
Sunlight Resistance:	Yes		
Plenum/Non-Plenum			
Plenum (Y/N):	No		

Electrical Characteristics (Overall)

Max. Operating Voltage - UL:

Voltage 600 V RMS

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item # Putup	Ship Weight	Color	Notes	Item Desc	
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