Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



28141A Multi-Conductor - 600V Type TC-ER Cable



For more Information please call

1-800-Belden1

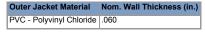


General Description:

10 AWG multi-conductor stranded (7x18) bare copper conductors, PVC/Nylon insulation, PVC jacket. **Physical Characteristics (Overall)** Conductor AWG: # Conductors AWG Stranding Conductor Material 10 7x18 BC - Bare Copper **Total Number of Conductors:** 5 **Ground Wire** Ν Ground Wire (Y/N): Insulation Insulation Material: Insulation Material PVC/Nylon - Polyvinyl Chloride/Nylon **Outer Shield** Outer Shield Material: **Outer Shield Material** Unshielded

Outer Jacket

Outer Jacket Material:



Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	Blue
4	Orange
5	Yellow

Overall Nominal Diameter: 0.570 in.

chanical Characteristics (Overall)	
Wet Temperature Range:	-30°C To +75°C
Dry Temperature Range:	-30°C To +90°C
UL Temperature Rating:	75°C Wet
Bulk Cable Weight:	276 lbs/1000 ft.
Max. Recommended Pulling Tension:	740 lbs.
Min. Bend Radius/Minor Axis:	5.700 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	NPLF, TC-ER
EU Directive 2011/65/EU (ROHS II):	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

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EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Other Specification:	THHN/THWN Singles, ICEA S-73-532, S-95-658, S-61-402
Flame Test	
UL Flame Test:	UL1685 UL Loading
C(UL) Flame Test:	FT4
Suitability	
Suitability - Burial:	Yes
Sunlight Resistance:	Yes
Plenum/Non-Plenum	
Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 1.04

Max. Operating Voltage - UL:

Voltage 600 V RMS

Max. Recommended Current:

30 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
28141A 01010000	10,000 FT	2,830.000 LB	BLACK		5 #10 PVC/NYL PVC

Revision Number: 0 Revision Date: 09-27-2011

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