

## 27341A Multi-Conductor - 600V Type TC Cable



For more Information  
please call

1-800-Belden1



### Description:

16 AWG multi-conductor stranded (7x24) bare copper conductors, PVC/Nylon insulation, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
12	16	7x24	BC - Bare Copper

Total Number of Conductors: 12

#### Ground Wire

Ground Wire (Y/N): 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:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.143

#### Overall Cable

Overall Nominal Diameter: 12.700 mm

### Mechanical Characteristics (Overall)

Wet Temperature Range: -30°C To +75°C

Dry Temperature Range: -30°C To +90°C

Bulk Cable Weight: 258.947 Kg/Km

Max. Recommended Pulling Tension: 1868.240 N

Min. Bend Radius/Minor Axis: 127 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: TC, NPLF

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

<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes
<b>Other Specification:</b>	ICEA S-73-532, S-95-658, S-61-402

### Flame Test

<b>UL Flame Test:</b>	UL1685 UL Loading
<b>C(UL) Flame Test:</b>	FT4
<b>IEEE Flame Test:</b>	1202
<b>ICEA Flame Test:</b>	T-29-520

### Plenum/Non-Plenum

<b>Plenum (Y/N):</b>	No
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## Electrical Characteristics (Overall)

### Nom. Conductor DC Resistance:

<b>DCR @ 20°C (Ohm/km)</b>
13.7802

### Max. Recommended Current:

<b>Current</b>
8 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
27341A 01010000	3,048 MT	861.830 KG	BLACK		12 #16 PVC/NYL PVC
27341A 01050000	1,524 MT	442.255 KG	BLACK	C	12 #16 PVC/NYL PVC

### Notes:

C = CRATE REEL PUT-UP.

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