



**Product:** [21661](#) 

600V Type TC/CIC, (4) 3 AWG (7x16) BC+Grd, FR-XLPE/FR-PVC

## Product Description

Four 3 AWG stranded (7x16) bare copper conductors plus ground wire, flame retardant cross-linked polyethylene insulation, flame retardant PVC jacket.

## Technical Specifications

### Product Overview

Suitable Applications:	CEC Power and Control Applications
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### Construction Details

#### Conductor

Element	Size	Stranding	Material
Conductor(s)	3 AWG	7x11	BC - Bare Copper
Ground	6 AWG	7x11	BC - Bare Copper

#### Insulation

Element	Material	Color Code
Conductor(s)	XLP, XLPO, XLPE (Thermoset)	Black, Red, Blue, White
Ground	XLP, XLPO, XLPE (Thermoset)	Yellow/Green

#### Outer Jacket

Material	Ripcord
PVC - Polyvinyl Chloride	Yes

### Electrical Characteristics

#### Electricals

Element
Conductor(s)
Ground Wire

#### Voltage

UL Voltage Rating	Voltage Rating
600 V	600 V (CSA TC)

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating
90°C Dry, 90°C Wet	-40°C To +90°C

### Standards and Compliance

Environmental Suitability:	Indoor/OutdoorDirect Burial, Indoor, Outdoor, Sunlight Resistance
Flammability / Reaction to Fire:	FT4
NEC / UL Compliance:	TC
AWM Compliance:	C22.2#230 Type TC, C22.2#239 Type CIC

CEC / C(UL) Compliance:	TC, CIC
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.5 Revision Date: 03-05-2026
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