



**Product:** [C0206IS](#)

TC XLPE/PVC, 2 C #6 Str BC, XLPE Ins M4, LCS, Blk PVC Jkt, 600V TC 90C Dry/Wet SUN RES DIR BUR

## Product Description

UL Type TC (1277) XLPE/PVC, 2 Conductor 6AWG (7x14) Bare Copper, XLPE Insulation M4 Color Code, Longitudinal Corrugated Copper Tape, Black PVC Outer Jacket, 600V TC 90C Dry/Wet SUN RES DIR BUR

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
6	7x14	BC - Bare Copper	2

Conductor Count:	2
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#### Insulation

Material	Nominal Diameter
XLP, XLPO, XLPE (Thermoset)	0.270 in

#### Color Chart

Number	Color
1	Black Numbered 1
2	Black Numbered 2

#### Outer Shield Material

Type	Description	Material	Material Trade Name	Coverage [%]
Corrugated Tape	.005"	Bare Copper (BC)	Belclad®	100%

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.763 in	0.063 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
0.41 Ohm/1000ft

#### Current

Max. Recommended Current [A]
60 Amps per Conductor at 30°C

#### Voltage

UL Voltage Rating	Voltage Rating [V]
600 V RMS (Type TC)	600 V RMS (Type TC)

### Temperature Range

UL Temp Rating:	90°C Dry, 90°C Wet
Operating Temp Range:	-30°C To +90°C

Wet Temp Range:	-30°C To +90 °C
Dry Temp Range:	-30°C To +90 °C

## Mechanical Characteristics

UV Resistance:	Yes
Min Bend Radius (Overall):	7.63 in

## Standards

NEC/(UL) Compliance:	TC-ER, XHHW-2
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## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01

## Suitability

Suitability - Burial:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes

## Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 Vertical Tray Flame Test
UL voltage rating:	600 V RMS (Type TC)

## Part Number

### Variants

Item #	Putup Type
C0206IS 0102500	Reel

## History

Update and Revision:	Revision Number: 0.32 Revision Date: 09-30-2020
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