



Product: [28093C](#) 

TC XLPE/PVC, 15 C #14 Str BC, XLPE Ins E2, Blk PVC Jkt, 600/1000V
TC-ER 90C Dry/Wet SUN RES DIR BUR

Product Description

UL Type TC (1277) XLPE/PVC, 15 Conductor 14AWG (7x22) Bare Copper, XLPE Insulation E2 Color Code, Black PVC Outer Jacket, 600V TC-ER 90C Dry/Wet SUN RES DIR BUR

Technical Specifications

Product Overview

Suitable Applications:	Power and Control Applications up to 600/1000V Class 1 Division 2 Hazardous Locations; Recommended Cable Gland Belden BTC075A0791RA
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Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	14	7x22	BC - Bare Copper	15

Conductor Count:	15
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Insulation

Material
XLP, XLPO, XLPE (Thermoset)

Outer Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.75 in

Electrical Characteristics

Voltage

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

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	369 lbs/1000ft
Minimum Minor Axis Bend Radius:	3.0 in

Standards

NEC/(UL) Compliance:	TC-ER, XHHW-2
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Suitability

Suitability - Burial:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

Suitability - Sunlight Resistance:	Yes
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Flammability, LSOH, Toxicity Testing

UL voltage rating:	600 V RMS (Type TC)
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History

Update and Revision:	Revision Number: 0.47 Revision Date: 10-06-2026
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