



Product: [27109C](#)

TC XLPE/PVC, 2 C #12 Str BC, XLPE Ins E2, Blk PVC Jkt, 600V TC 90C Dry/Wet SUN RES DIR BUR

Product Description

UL Type TC (1277) XLPE/PVC, 2 Conductor 12AWG (7x20) Bare Copper, XLPE Insulation E2 Color Code, 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
12	7x20	BC - Bare Copper	2

Conductor Count:	2
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Insulation

Material
XLP, XLPO, XLPE (Thermoset)

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.244 x 0.394 in

Electrical Characteristics

Voltage

UL Description	UL Voltage Rating	Voltage Rating [V]
TC	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

Mechanical Characteristics

Min Bend Radius/Minor Axis:	0.98 in
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Standards

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

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

Flammability, LS0H, Toxicity Testing

UL voltage rating:	600 V RMS (Type TC)
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Part Number

Variants

Item #	Putup Type	UPC
27109C 0105000	Reel	612825326588

History

Update and Revision:	Revision Number: 0.36 Revision Date: 02-16-2021
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