



Part Number: 31012

UL Type SIS Wire, (1) 12 AWG (65x30) TC, XLPE, 600V, 90°C

[Request Sample](#)

Product Description

One 12 AWG stranded (65x30) tinned copper conductor, cross-linked polyethylene insulation.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
12	65x30	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	12 AWG

Insulation

Material	Nominal Wall Thickness
XLPE - Cross Linked Polyethylene	0.032 in
XLPE - Cross Linked Polyethylene	

Outer Jacket Material

Material	Nominal Diameter
No Jacket	0.167 in

Electrical Characteristics

Shielding:	Unshielded
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Voltage

UL Voltage Rating
600 V

Temperature Range

UL Temp Rating:	90°C
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Standards

NEC/(UL) Specification:	SIS
UL AWM Style:	N/A
Military Specification:	N/A

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	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 RoHS Compliance Date (yyyy-mm-dd):	2004-07-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
31012 0083000	Gray	C I U Z

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'.
Footnote:	U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE)
Footnote:	Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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