



**Part Number:** 27894

600V Teck-Style®, (3) 4 AWG (7x12) BC+Grd, XLPE/PVC/PVC, Alum Armor, MC

## Product Description

Three 4 AWG stranded (7x12) bare copper conductors plus ground wire, cross-linked polyethylene insulation, PVC inner jacket, aluminum interlocked armor, PVC outer jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	4	7x12	BC - Bare Copper	3
Ground Wire	8	7x16	BC - Bare Copper	
<b>Total Number of Conductors:</b>				3

#### Insulation:

Material	Nominal Wall Thickness
XLPE - Cross Linked Polyethylene	0.06 in

#### Color Chart 1:

Number	Color
1	Black printed #1
2	Black printed #2
3	Black printed #3

**Stranding:**

Lay Length
PVC mm

**Innerjacket:**

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.91 in

**Outersheild 1:**

Material
Unshielded

**Outerjacket 1:**

Nominal Diameter
1.29 in

**Armor:**

Type of Armor	Material	Diameter over Armoring
Interlocked Armor	Aluminum	1.17 mm

**Electrical Characteristics****Conductor DCR:**

Nominal Conductor DCR
0.26 Ohm/1000ft

**Current:**

Max. Recommended Current [A]
95 Amps per conductor @ 25°C

**Voltage:**

UL Voltage Rating
600 V RMS

**Use**

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	1002 lbs

## Safety

CSA Flammability:	FT4
ICEA Flammability:	T-29-520
IEEE Flammability:	1202
UL Flammability:	VW-1 Singles, UL1685 UL Loading

## Temperature Range

Dry Temp Range:	-40 °C To +90 °C
Operating Temp Range:	-40 °C To +90 °C
Wet Temp Range:	-40 °C To +90 °C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	15.5 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
CSA AWM Specification:	CSA Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

## History

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