



**Part Number:** 28267

600V Metal Clad, (3) 2 AWG (7x10) BC+Grd, XLPE/PVC, Steel Armor, MC

## Product Description

Three 2 AWG stranded (7x10) bare copper conductors plus ground wire, cross-linked polyethylene insulation, steel interlocked armor, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	2	7x10	BC - Bare Copper	3
Ground Wire	6	7x14	BC - Bare Copper	
<b>Total Number of Conductors:</b>				3

#### Insulation:

Material	Nominal Wall Thickness
XLPE - Cross Linked Polyethylene	0.045 in

#### Color Chart 1:

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

## Stranding:

Lay Length
Yes mm

## Outershield 1:

Material
Unshielded

## Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	1.13 in	0.05 in

## Armor:

Type of Armor	Material	Diameter over Armoring
Interlocked Armor	Steel	1.02 mm

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR
0.16 Ohm/1000ft

### Current:

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

### Voltage:

UL Voltage Rating
600 V RMS

## Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	1593 lbs

## Safety

UL Flammability:	VW-1 Singles, UL1685 UL Loading
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## 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:	14.7 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)
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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