



**Part Number:** 27140R

600V Tray, (4) 10 AWG (7x18) TC, XLP/CPE, TC

## Product Description

Four 10 AWG stranded (7x18) tinned copper conductors, cross-linked polyolefin insulation, chlorinated polyethylene jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	10	7x18	TC - Tinned Copper	4
No Ground				
<b>Total Number of Conductors:</b>				4

#### Insulation:

Material
XLPE - Cross Linked Polyethylene

#### Color Chart 1:

Number	Color
1	Black
2	Red
3	Blue
4	Orange

## Stranding:

### Lay Length

N mm

## Outersheild 1:

### Material

Unshielded

## Outerjacket 1:

### Material

CPE - Chlorinated Polyethylene

### Nominal Diameter

0.52 in

## Electrical Characteristics

## Conductor DCR:

### Nominal Conductor DCR

1.04 Ohm/1000ft

## Current:

### Max. Recommended Current [A]

30 Amps per conductor @ 25°C

## Voltage:

### UL Voltage Rating

600 V RMS

## Use

Suitability - Sunlight Resistance:

Yes

Max Recommended Pulling Tension:

624 lbs

## Safety

C(UL) Flammability:

FT4

ICEA Flammability:

T-29-520

IEEE Flammability:

1202

Other Flammability:

VW-1 rated Conductors

UL Flammability:

UL1685 UL Loading

## Temperature Range

Dry Temp Range:	-30°C To +90 °C
Wet Temp Range:	-30°C To +90°C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	5.2 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
Other Specification:	Other Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

## History

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