



**Part Number:** 27081R

600V Tray, (3) 14 AWG (7x22) TC, XLP/CPE, TC

## Product Description

Three 14 AWG stranded (7x22) tinned copper conductors, cross-linked polyolefin insulation, chlorinated polyethylene jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
14	7x22	TC - Tinned Copper	3

<b>Total Number of Conductors:</b>	3
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#### Insulation:

Material
XLPE - Cross Linked Polyethylene

#### Color Chart 1:

Number	Color
1	Black
2	Red
3	Blue

#### Outersheild 1:

Material
Unshielded

### Outerjacket 1:

Material	Nominal Diameter
CPE - Chlorinated Polyethylene	0.39 in

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR
2.6 Ohm/1000ft

### Current:

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

### Voltage:

UL Description	UL Voltage Rating
NPLF	150 V RMS
TC	600 V RMS

## Use

Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	164 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

<b>Min Bend Radius/Minor Axis:</b>	3.9 in
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## Part Number

<b>Plenum (Y/N):</b>	No
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## Standards

<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	CA Prop 65 (CJ for Wire & Cable)
<b>MII Order #39 (China RoHS):</b>	MII Order #39 (China RoHS)
<b>NEC/(UL) Specification:</b>	NEC/(UL) Specification
<b>Other Specification:</b>	Other Specification
<b>EU Directive Compliance:</b>	EU Directive 2003/11/EC (BFR)
<b>EU CE Mark:</b>	EU CE Mark

## History

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