



**Part Number:** 27119R

600V Tray, (12) 12 AWG (7x20) TC, XLP/CPE, TC

## Product Description

Twelve 12 AWG stranded (7x20) 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
	12	7x20	TC - Tinned Copper	12
No Ground				
<b>Total Number of Conductors:</b>				12

#### Insulation:

Material
XLPE - Cross Linked Polyethylene

#### Color Chart 1:

Number	Color
1	Black
2	Red
3	Blue
4	Orange
5	Yellow
6	Brown
7	Red w/Black Stripe
8	Blue w/Black Stripe
9	Orange w/Black Stripe
10	Yellow w/Black Stripe
11	Brown w/Black Stripe
12	Black w/Red Stripe

### Stranding:

#### Lay Length

N mm

### Outersield 1:

#### Material

Unshielded

### Outerjacket 1:

#### Material

CPE - Chlorinated Polyethylene

#### Nominal Diameter

0.77 in

## Electrical Characteristics

### Conductor DCR:

#### Nominal Conductor DCR

1.65 Ohm/1000ft

### Current:

#### Max. Recommended Current [A]

14 Amps per conductor @ 25°C

### Voltage:

#### UL Voltage Rating

600 V RMS

## Use

Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	1040 lbs

## Safety

CSA 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:	7.7 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
Other Specification:	Other Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

## History

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