



**Part Number:** 27080A

600V Tray, (2) 14 AWG (7x22) BC, PVC-NYL/PVC, TC

## Product Description

Two 14 AWG stranded (7x22) bare copper conductors, PVC/Nylon insulation, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
14	7x22	BC - Bare Copper	2
<b>Total Number of Conductors:</b>			2

#### Insulation:

Material
PVC/Nylon - Polyvinyl Chloride/Nylon

#### Color Chart 1:

Number	Color
1	Black
2	Red

#### Outersheild 1:

Material
Unshielded

### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.21 x 0.326 in	0.047 in

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR
2.52 Ohm/1000ft

### Current:

Max. Recommended Current [A]
25 Amps per conductor at 30C

### Voltage:

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

## Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	64 lbs

## Safety

CSA Flammability:	FT4
IEEE Flammability:	1202
UL Flammability:	UL1685 Vertical Tray Flame Test

## Temperature Range

Dry Temp Range:	-30°C To +90 °C
UL Temp Rating:	75°C Dry +90°C Wet
Wet Temp Range:	-30°C To +75 °C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.2 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)
EU CE Mark:	EU CE Mark

## History

Notes:	Parallel (untwisted) construction
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## Product Variants

Part Number	Color	Put-Up Type	Length
27080A 01010000	BLACK	Reel	10000 ft
27080A 0101000	BLACK	Reel	1000 ft
27080A 0105000	BLACK	Reel	5000 ft

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