



Part Number: 28111A

600V Tray, (4) 12 AWG (7x20) BC, PVC-NYL/PVC, TC-ER

Product Description

Four 12 AWG stranded (7x20) bare copper conductors, PVC/Nylon insulation, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

| Element | AWG | Stranding | Material | No. of Conductors |
|------------------------------------|-----|-----------|------------------|-------------------|
| | 12 | 7x20 | BC - Bare Copper | 4 |
| No Ground | | | | |
| Total Number of Conductors: | | | | 4 |

Insulation:

| Material |
|--------------------------------------|
| PVC/Nylon - Polyvinyl Chloride/Nylon |

Color Chart 1:

| Number | Color |
|--------|--------|
| 1 | Black |
| 2 | Red |
| 3 | Blue |
| 4 | Orange |

Stranding:

Lay Length

N mm

Outershield 1:

Material

Unshielded

Outerjacket 1:

Material

PVC - Polyvinyl Chloride

Nominal Diameter

0.417 in

Nominal Wall Thickness

0.047 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR

1.65 Ohm/1000ft

Current:

Max. Recommended Current [A]

24 Amps per conductor @ 30°C

Voltage:

UL Voltage Rating

600 V RMS (Type TC)

150 V RMS (Type NPLF)

Use

| | |
|-----------------------|-----|
| Suitability - Burial: | Yes |
|-----------------------|-----|

| | |
|------------------------------------|-----|
| Suitability - Sunlight Resistance: | Yes |
|------------------------------------|-----|

| | |
|----------------------------------|---------|
| Max Recommended Pulling Tension: | 134 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: | 4.17 in |
|------------------------------------|---------|

Part Number

| | |
|----------------------|----|
| Plenum (Y/N): | No |
|----------------------|----|

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

Product Variants

| Part Number | Color | Put-Up Type | Length |
|-----------------|-------|-------------|----------|
| 28111A 01010000 | BLACK | Reel | 10000 ft |
| 28111A 0105000 | BLACK | Reel | 5000 ft |

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