



Part Number: 27627A

600V Tray, (37) 16 AWG (7x24) BC, PVC-NYL/PVC, TC

Product Description

Thirty-seven 16 AWG stranded (7x24) bare copper conductors, PVC/Nylon insulation, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

| Element | AWG | Stranding | Material | No. of Conductors |
|------------------------------------|-----|-----------|------------------|-------------------|
| | 16 | 7x24 | BC - Bare Copper | 37 |
| No Ground | | | | |
| Total Number of Conductors: | | | | 37 |

Insulation:

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

Stranding:

| Lay Length |
|------------|
| N mm |

Outersheild 1:

| Material |
|------------|
| Unshielded |

Outerjacket 1:

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.83 in | 0.08 in |

Electrical Characteristics

Conductor DCR:

| Nominal Conductor DCR |
|-----------------------|
| 4.2 Ohm/1000ft |

Current:

| Max. Recommended Current [A] |
|------------------------------|
| 8 Amps per conductor @ 25°C |

Use

| | |
|----------------------------------|----------|
| Max Recommended Pulling Tension: | 1295 lbs |
|----------------------------------|----------|

Safety

| | |
|---------------------|-------------------|
| C(UL) Flammability: | FT4 |
| ICEA Flammability: | T-29-520 |
| IEEE Flammability: | 1202 |
| UL Flammability: | UL1685 UL Loading |

Temperature Range

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

Mechanical Characteristics

| | |
|-----------------------------|--------|
| Min Bend Radius/Minor Axis: | 8.3 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

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