



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
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PART NUMBER: 61608
DESCRIPTION: 12/16 COMPACT 600 TRAY CABLE
CONSTRUCTION: This cable consists of sixteen bare copper insulated conductors cabled with a reinforced mylar wrap and an oil and sunlight resistant overall jacket.
APPROVALS: UL Standard 1277, NEC Article 340.
APPLICATION: 600 Volt Power and Control Tray Cable

Construction Parameters:

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|------------------------------|----------------------------------|
| Conductor | 12 AWG Bare Copper |
| Stranding | 65/30 |
| Insulation Material | PVC/Nylon |
| Insulation Thickness | 0.021" Nom. |
| Insulated Conductor Diameter | 0.135" Nom. |
| Number of Conductors | 16 |
| Lay Length | 6.00" Nom. |
| Filler Type | Dry Jute |
| Separator/Wrap | Reinforced Mylar |
| Jacket Material | PVC |
| Jacket Thickness | 0.065" Nom. |
| Overall Cable Diameter | 0.785" Nom. |
| Approximate Cable Weight | 486.7 Lbs/1M' Nom. |
| Flame Rating | UL 1581 Vertical Tray Flame Test |

Electrical Properties:

| | |
|------------------------------------|--------------------|
| Temperature Rating | -40°C to 90°C |
| Operating Voltage | 300 V RMS Max. |
| DC Resistance per Conductor @ 20°C | 1.59 Ohms/1M' Nom. |

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|----------------------------------|--|
| Insulation Colors | Blk Red Blue Orange Yellow Brown Red/Black Blue/Black Orange/Black Yellow/Black Brown/Black Black/Red Blue/Red Orange/Red Yellow/Red Brown/Red |
| Jacket Color | Black (Other colors available for minimum order) |
| Legend (White Surface Ink Print) | CCI 12-16 COMPACT 600V THHN/THWN (UL) TYPE TC 90C OIL RES I SUNLIGHT RESISTANT |

The customer will accept all factory lengths and +/- 10 percent of total order requested.

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