



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 60705  
**DESCRIPTION:** 18/7 COMPACT 600 TRAY CABLE  
**CONSTRUCTION:** This cable consists of seven 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

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## Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	16/30
Insulation Material	PVC/Nylon
Insulation Thickness	0.021" Nom.
Insulated Conductor Diameter	0.087" Nom.
Number of Conductors	7
Lay Length	4.25" Nom.
Filler Type	Dry Jute
Separator/Wrap	Reinforced Mylar
Jacket Material	TPE
Jacket Thickness	0.050" Nom.
Overall Cable Diameter	0.380" Nom.
Approximate Cable Weight	84.0 Lbs/1M' Nom.
Flame Rating	UL 1581 Vertical Tray Flame Test

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## Electrical Properties:

Temperature Rating	-40°C to 90°C
Operating Voltage	300 V RMS Max.
DC Resistance per Conductor @ 20°C	6.49 Ohms/1M' Nom.

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Insulation Colors	Black Red Blue Orange Yellow Brown Red/Black
Jacket Color	Black (Other colors available for minimum order)
Legend (White Surface Ink Print)	CCI 18-7 COMPACT 600V TFFN (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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