



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 63005
DESCRIPTION: 18/30 COMPACT 600 TRAY CABLE
CONSTRUCTION: This cable consists of thirty 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:

Conductor	18 AWG Bare Copper
Stranding	16/30
Insulation Material	PVC/Nylon
Insulation Thickness	0.021" Nom.
Insulated Conductor Diameter	0.088" Nom.
Number of Conductors	30
Filler	Dry Jute
Lay Length (Outer Layer)	5.50" Nom.
Separator/Wrap	Reinforced Mylar Wrap
Jacket Material	TPE
Jacket Thickness	0.065" Nom.
Overall Cable Diameter	0.715" Nom.
Approximate Cable Weight	309.6 Lbs/1M' Nom.
Flame Rating	UL 1581 Vertical Tray Flame Test

Electrical Properties:

Temperature Rating	-40°C to 90°C
Operating Voltage	600 V RMS Max.
DC Resistance per Conductor @ 20°C	6.49 Ohms/1M'

Insulation Colors	NEMA K2 Color Code
Jacket Color	Black (Other colors available for minimum order)
Legend (Surface Ink Print)	CCI 18-30 COMPACT 600V TFFN (UL) TYPE TC 90C OIL RES I SUNLIGHT RESISTANT

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

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Specification Issue Date: January 10, 2014