



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 63708  
**DESCRIPTION:** 12/37 COMPACT 600 TRAY CABLE  
**CONSTRUCTION:** This cable consists of thirty-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	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	37
Filler	Dry Jute
Lay Length (Outer Layer)	8.50" Nom.
Separator/Wrap	Reinforced Mylar Wrap
Jacket Material	TPE
Jacket Thickness	0.095" Nom.
Overall Cable Diameter	1.160" Nom.
Approximate Cable Weight	1105.9 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	600 V RMS Max.
DC Resistance per Conductor @ 20°C	1.59 Ohms/1M'

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Insulation Colors	NEMA K2 Color Code
Jacket Color	Black (Other colors available for minimum order)
Legend (Surface Ink Print)	CCI 12-37 COMPACT 600V THHN/THWN (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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