



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 92853
DESCRIPTION: 18/3 SOLID METAL CLAD (MC) CABLE AND FPL CABLE
CONSTRUCTION: This cable consists of three bare copper PVC/Nylon insulated conductors cabled with fillers and tape wrap with an overall protective continuous corrugated aluminum sheath.
APPROVALS: UL Standard 1569 & 1424, NEC Articles 330 & 760.
APPLICATION: 600V Metal Clad Cable Applications Or Fire Alarm Cable Where Extra Protection Is Required. Approved for plenum applications per NEC Article 300.22(B). Sheath an approved ground path per NEC Article 250.118(11).

Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	PVC/Nylon
Insulation Thickness	0.021" Nom.
Insulated Conductor Diameter	0.082" Nom.
Number of Conductors	3
Lay Length	2.38" Nom.
Filler	Dry Jute
Separator/Wrap	Clear Mylar
Armor Material	Corrugated Aluminum
Armor Thickness	0.021" Nom.
Overall Cable Diameter	0.345" Nom.
Approximate Cable Weight	56.4 Lbs/1M' Nom.
Flame Rating	Meets 2 hour through-penetration fire stop requirements.

Electrical Properties:

Temperature Rating	-20°C to 90°C
Operating Voltage	600 V RMS Max.
Capacitance Between Conductors @ 1 KHz	20 pF/ft Nom.
Ampacity per NEC Table 310-16	14 amps per conductor (Assume 3 current carrying conds.)
DC Resistance per Conductor @ 20°C	6.3 Ohms/1M' Nom.

Insulation Colors	Black Red Blue
Armor Color	Aluminum (Red stripes available - consult factory)
Legend (Inner Core Tape)	E69511 TYPE MC 600 VOLTS (UL) - TYPE FPL

This product complies with European Directive 2002/95/EC (RoHS)

On special orders, the customer will accept all mil lengths and +/- 10 percent of total order requested.

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Specification Issue Date: January 11, 2012