



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 92183  
**DESCRIPTION:** 10/2 SOLID W/GND METAL CLAD (MC) CABLE  
**CONSTRUCTION:** This cable consists of two bare copper PVC/Nylon insulated conductors and one insulated ground cabled with fillers and tape wrap with an overall protective continuous corrugated aluminum sheath.  
**APPROVALS:** UL Standard 1569, NEC Articles 330 and other articles.  
**APPLICATION:** 600V Metal Clad Cable Applications  
Meets NEC requirements for health care facilities - See NEC.  
Approved for plenum applications per NEC Article 300.22(B).  
Sheath an approved ground path per NEC Article 250.118(11).

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## Construction Parameters:

Conductor	10 AWG Bare Copper
Stranding	Solid
Insulation Material	PVC/Nylon
Insulation Thickness	0.026" Nom.
Insulated Conductor Diameter	0.154" Nom.
Number of Conductors	3
Lay Length	5.00" Nom.
Filler	Dry Jute
Separator/Wrap	Clear Mylar
Armor Material	Corrugated Aluminum
Armor Thickness	0.035" Nom.
Cable Diameter	0.525" Nom.
Approximate Cable Weight	199.0 Lbs/1M' Nom.
Flame Rating	Meets 2 hour through-penetration fire stop requirements.

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## Electrical Properties:

Temperature Rating	-20°C to 90°C
Operating Voltage	600 V RMS Max.
Capacitance Between Conductors @ 1 KHz	37 pF/ft Nom.
Ampacity per NEC Table 310-16	40.00 amps per conductor (Assume 2 current carrying conds.)
DC Resistance per Conductor @ 20°C	1.0 Ohms/1M' Nom.

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Insulation Colors	Black White Green
Armor Color	Aluminum

Legend (Marker Tape in Cable Core)	E69511 TYPE MC 600 VOLTS (UL)
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*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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