



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 92283  
**DESCRIPTION:** 12/2 SOLID W/GND METAL CLAD (MC) CABLE AND FPL 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 & 1424, NEC Articles 330 & 760.  
**APPLICATION:** 600V Metal Clad Cable Applications Or Fire Alarm Cable Where Extra Protection Is Required.  
Meets NEC requirements for health care facilities per NEC Article 517-13(A & B).  
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	12 AWG Bare Copper
Stranding	Solid
Insulation Material	PVC/Nylon
Insulation Thickness	0.021" Nom.
Insulated Conductor Diameter	0.123" Nom.
Number of Conductors	3
Lay Length	3.75" Nom.
Filler	Dry Jute
Separator/Wrap	Clear Mylar
Armor Material	Corrugated Aluminum
Armor Thickness	0.021" Nom.
Overall Cable Diameter	0.423" Nom.
Approximate Cable Weight	116.0 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	36 pF/ft Nom.
Ampacity per NEC Table 310-16	30.00 amps per conductor (Assume 2 current carrying conds.)
DC Resistance per Conductor @ 20°C	1.6 Ohms/1M' Nom.

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Insulation Colors	Black White Green
Armor Color	Aluminum (Red stripe available for fire alarm applications)

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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