



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 92285
DESCRIPTION: 12/4 SOLID W/GND METAL CLAD (MC) CABLE AND FPL CABLE
CONSTRUCTION: This cable consists of four 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 - See NEC.
Approved for plenum applications per NEC Article 300.22(B).
Sheath an approved ground path per NEC Article 250.118(11).

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	5
Lay Length	4.50" Nom.
Filler	Dry Jute
Separator/Wrap	Clear Mylar
Armor Material	Corrugated Aluminum
Armor Thickness	0.021" Nom.
Cable Diameter	0.488" Nom.
Approximate Cable Weight	175.0 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	36 pF/ft Nom.
Ampacity per NEC Table 310-16	24.00 amps per conductor (Assume 4 current carrying conds.)
DC Resistance per Conductor @ 20°C	1.6 Ohms/1M' Nom.

Insulation Colors	Black White Red Blue Green
Armor Color	Aluminum

Legend (Indent) E69511 TYPE MC 600 VOLTS (UL) - TYPE FPL

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

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