



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 92274
DESCRIPTION: 12/3 STRANDED W/GND METAL CLAD (MC) CABLE AND FPL CABLE
CONSTRUCTION: This cable consists of three 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	19/.0185"
Insulation Material	PVC/Nylon
Insulation Thickness	0.021" Nom.
Insulated Conductor Diameter	0.135" Nom.
Number of Conductors	4
Lay Length	5.00" Nom.
Filler	Dry Jute
Separator/Wrap	Clear Mylar
Armor Material	Corrugated Aluminum
Armor Thickness	0.021" Nom.
Overall Cable Diameter	0.488" Nom.
Approximate Cable Weight	#N/A
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	#N/A
Ampacity per NEC Table 310-16	30.00 amps per conductor (Assume 3 current carrying conds.)
DC Resistance per Conductor @ 20°C	1.6 Ohms/1M' Nom.

Insulation Colors	Black White Red Green
Armor Color	Aluminum

Legend (Inner Core Tape)	E69511 TYPE MC 600 VOLTS (UL) - TYPE FPL
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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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