



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 92184
DESCRIPTION: 10/3 SOLID W/GND METAL CLAD (MC)
CONSTRUCTION: This cable consists of three bare copper PVC/Nylon insulated conductors and one insulated ground

APPROVALS: cabled with fillers and tape wrap with an overall protective continuous corrugated aluminum sheath and black PVC jacket.
APPLICATION: UL Standard 1569, NEC Articles 330 and other articles.
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).
Acceptable for use in Direct Burial applications.

Construction Parameters:

Conductor	10 AWG Bare Copper
Stranding	Solid
Insulation Material	PVC/Nylon
Insulation Thickness	0.028" Nom.
Insulated Conductor Diameter	0.158" Nom.
Number of Conductors	4
Lay Length	5.75" Nom.
Filler	Dry Jute
Separator/Wrap	Clear Mylar
Armor Material	Corrugated Aluminum
Armor Thickness	0.035" Nom.
Cable Diameter	0.595" Nom.
Approximate Cable Weight	237.0 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	35 pF/ft Nom.
Ampacity per NEC Table 310-16	40.00 amps per conductor (Assume 3 current carrying conds.)
DC Resistance per Conductor @ 20°C	1.00 Ohms/1M' Nom.

Insulation Colors	Black White Red Green
Armor Color	Aluminum

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

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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