



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 92185
DESCRIPTION: 10/4 SOLID W/GND METAL CLAD (MC)
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 and black PVC jacket.

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).
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	5
Lay Length	5.75" Nom.
Filler	Dry Jute
Separator/Wrap	Clear Mylar
Armor Material	Corrugated Aluminum
Armor Thickness	0.035" Nom.
Cable Diameter	0.644" Nom.
Approximate Cable Weight	320.0 Lbs/1M' Nom.

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	32.00 amps per conductor (Assume 4 current carrying conds.)
DC Resistance per Conductor @ 20°C	1.00 Ohms/1M' Nom.

Insulation Colors	Black White Red Blue Green
Armor Color	Aluminum

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

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

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