



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 92654  
**DESCRIPTION:** 16/4 SOLID METAL CLAD (MC) CABLE AND FPL CABLE  
**CONSTRUCTION:** This cable consists of four bare copper PVC/Nylon insulated conductors 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.  
Approved for plenum applications per NEC Article 300.22(B).  
Sheath an approved ground path per NEC Article 250.118(11).

## Construction Parameters:

|                              |                                                          |
|------------------------------|----------------------------------------------------------|
| Conductor                    | 16 AWG Bare Copper                                       |
| Stranding                    | Solid                                                    |
| Insulation Material          | PVC/Nylon                                                |
| Insulation Thickness         | 0.021" Nom.                                              |
| Insulated Conductor Diameter | 0.093" Nom.                                              |
| Number of Conductors         | 4                                                        |
| Lay Length                   | 3.25" Nom.                                               |
| Filler                       | Dry Jute                                                 |
| Separator/Wrap               | Clear Mylar                                              |
| Armor Material               | Corrugated Aluminum                                      |
| Armor Thickness              | 0.021" Nom.                                              |
| Overall Cable Diameter       | 0.387" Nom.                                              |
| Approximate Cable Weight     | 78.4 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 | 23 pF/ft Nom.                                               |
| Ampacity per NEC Table 310-16          | 14.40 amps per conductor (Assume 4 current carrying conds.) |
| DC Resistance per Conductor @ 20°C     | 4.0 Ohms/1M' Nom.                                           |

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Insulation Colors | Black Red Blue Orange                              |
| Armor Color       | Aluminum (Red stripes available - consult factory) |

|                          |                                          |
|--------------------------|------------------------------------------|
| 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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