



# PRODUCT DATA SHEET

Controlled Document-Engineering Drive

1530 Shields Drive  
Waukegan, IL 60085  
Toll-Free (800) 323-9355  
Fax: (847) 689-1192

**PART NUMBER:** 92284  
**DESCRIPTION:** 12/3 SOLID 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	Solid
Insulation Material	PVC/Nylon
Insulation Thickness	0.021" Nom.
Insulated Conductor Diameter	0.123" Nom.
Number of Conductors	4
Lay Length	4.50" Nom.
Filler	Dry Jute
Separator/Wrap	Clear Mylar
Armor Material	Corrugated Aluminum
Armor Thickness	0.021" Nom.
Overall Cable Diameter	0.464" Nom.
Approximate Cable Weight	197.0 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	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

*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.

The information presented here is, to the best of our knowledge, true and accurate. Since conditions of use are beyond Coleman Cable's control all product data presented is for informational purposes only and does not create a binding obligation or liability on Coleman Cable or confer any rights on any customer. The sale of products(s) is conditioned upon acceptance of a purchase order subject to Coleman Cable's standard terms and conditions contained therein, including without limitation Coleman Cable's standard warranty. Coleman Cable disclaims all liability in connection with the use of information contained herein or otherwise.

This specification is proprietary intellectual property of Coleman Cable. Any information contained herein shall not be disclosed to any party without written consent of Coleman Cable.

Specification Issue Date: April 27, 2010