



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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

PART NUMBER: 41102
DESCRIPTION: 16 AWG MTW CABLE
CONSTRUCTION: This cable consists of one bare copper conductor with integral insulation and jacket.
APPROVALS: UL Standard 1063 and Subject 758, CSA 22.2 No. 210.
APPLICATION: Machine Tool Wire, Appliance Wiring Material, and Equipment Wire

Construction Parameters:

| | |
|------------------------------|---------------------------------|
| Conductor | 16 AWG Bare Copper |
| Stranding | 26/30 |
| Insulation Material | PVC |
| Insulation Thickness | 0.031" Nom. |
| Insulated Conductor Diameter | 0.120" Nom. |
| Approximate Cable Weight | 13.2 Lbs/1M' Nom. |
| Flame Rating | VW-1 or FT1 Vertical Flame Test |

Electrical Properties:

| | |
|------------------------------------|--|
| Temperature Rating | -20°C to 105°C Dry 60°C Oil 60°C Water |
| Operating Voltage | 600 V RMS Max., 1000V AWM Style 1032 |
| DC Resistance per Conductor @ 20°C | 4.00 Ohms/1M' Nom. |
| Ampacity per NFPA 79 Table 12.5.1* | 14 Amps Max. |

Insulation/Jacket Color Colors vary - Consult factory for availability.

Legend (Surface Ink Print) E175040 16 AWG (1.31mm²) (UL) MTW OR BC-5W2 OR AWM 1011/1015/1230/1335
600V OR 1032 1000V MOISTURE RESISTANT VW-1 -- 182067 CSA TEW 105C 600V
FT1 OR AWM I A/B 105C 600V FT1

This product complies with European Directive 2002/95/EC (RoHS)

* Ampacities converted to 105C ampacity using 60C cable temperature and 30C ambient from NFPA 79 Table 12.5.1.

Final determination of wire size/ampacity will be governed by local jurisdiction.

Ampacities are provided for engineering information only. Coleman cannot recommend or express the use of this ampacity.

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

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Customer Name _____

Customer Approval _____

Specification Issue Date: October 25, 2007