



PRODUCT DATA SHEET

1530 Shields Drive
 Waukegan, IL 60185
 Toll-Free (800) 323-9355
 Fax: (847) 689-1192

PART NUMBER: 92083
DESCRIPTION: RG-6/U GAS INJECTED COAXIAL CABLE WITH 60% ALUMINUM BRAID AND SWEPT TO 3.0 GHZ
RATING: UL DUAL LISTED AS CL2 AND CATV, CSA FT4

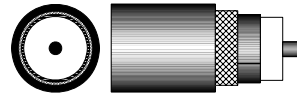
Construction Parameters:

| | | <u>Wall (in)*</u> | <u>OD (in)*</u> |
|-------------|---|-------------------|-----------------|
| Conductors: | 18 AWG (1/.040) Copper Clad Steel | | 0.040 |
| Dielectric: | Foam Polyethylene color natural | 0.070 | 0.180 |
| Shielding: | Polyester/Aluminum Fusible Tape plus 60% Aluminum Braid | | 0.216 |
| Jacket: | PVC | 0.032 | 0.269 |

Electrical Properties:

| | <u>VALUE*</u> |
|------------------------------|---------------|
| Impedance (ohms): | 75 |
| Capacitance (pF/ft): | 17 |
| Velocity of Propagation (%): | 81 |
| Attenuation (db/100 ft): | |
| 10 MHz | 0.8 |
| 50 MHz | 1.3 |
| 100 MHz | 1.65 |
| 200 MHz | 3.1 |
| 400 MHz | 4.12 |
| 700 MHz | 6.28 |
| 1000 MHz | 6.48 |
| 1200 MHz | 6.60 |
| 1500 MHz | 9.30 |
| 2000 MHz | 9.76 |
| 2200 MHz | 9.79 |
| 2500 MHz | 10.13 |
| 3000 MHz | 14.61 |

Cable Cross-section: (NOT TO SCALE)



Miscellaneous Information:

Jacket Color: Black, White, or Beige
 Jacket Print: COLEMAN CABLE 92083 RG 6/U 18 AWG TYPE CL2 75C (UL) E100316 OR (Sequentially footprinted) CATV CSA CMG FT4 LL53149-SC SWEPT TO 3.0 GHZ
 Applicable NEC Article: 725 and 820
 Flame Rating: UL-1581 Vertical Tray Flame Test and CSA FT4 Flame Test
 Max. Temperature Rating: 75° C
 Approximate Weight (lb/1000 ft): 30

On special orders the customer will accept all factory lengths and ± 10% of total order requested.

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Company Name: _____

Customer Approval: _____

Date: _____

Issued: 05/16/05

* = Nominal value
 By: PEP