



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
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PART NUMBER: 92049

DESCRIPTION: RG-6/U GAS INJECTED COAXIAL CABLE WITH 60%
ALUMINUM BRAID AND 3.0 GHz SWEEP TESTED

RATING: ETL DUAL LISTED AS CM/CL2 AND CATV

Construction Parameters:

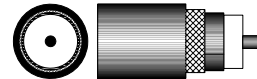
		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	18 AWG (1/.040) Solid Copper		0.040
Dielectric:	Gas Injected Polyethylene color natural	0.070	0.180
Shielding:	Bonded Polyester/Aluminum Fusible Tape plus 60% Aluminum Braid		0.216
Jacket:	PVC	0.029	0.269

Electrical Properties:

	<u>VALUE*</u>
Impedance (ohms):	75
Capacitance (pF/ft):	17
Velocity of Propagation (%):	81
Attenuation (db/100 ft):	
10 MHz	0.80
50 MHz	1.30
100 MHz	1.65
200 MHz	3.10
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	9.97
2500 MHz	10.13
3000 MHz	14.61

Cable Cross-section:

(NOT TO SCALE)



Miscellaneous Information:

Jacket Color:	Black
Jacket Print (White):	COLEMAN CABLE 92049 RG6 18 AWG BC DUAL SHIELD 60% AL BRAID (ETL)
(Sequentially footprinted)	3020454 CM OR CL2 OR CATV 75C SUN RES SWEPT TO 3.0 GHZ
Applicable NEC Article:	725 and 820
Flame Rating:	UL-1581 Vertical Tray Flame Test
Max. Temperature Rating:	75° C
Approximate Weight (lb/1000 ft):	30

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

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

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Company Name: _____

Customer Approval: _____

Date: _____

Issued: 09/20/06

* = Nominal value
By: PEP