



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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PART NUMBER: 920414

DESCRIPTION: RG-6 QUAD SHIELDED COAXIAL CABLE WITH TWO FOILS PLUS 40% AND 60% ALUMINUM BRAIDS FOR HIGH DEFINITION TELEVISION APPLICATIONS

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 Bare Copper		0.040
Dielectric:	Foam Polyethylene color natural	0.070	0.180
Shielding 1 & 2:	100% Bonded Polyester/Aluminum Tape plus 40% Aluminum Braid		0.216
Shielding 3 & 4:	100% Polyester/Aluminum Tape plus 60% Aluminum Braid		0.249
Jacket:	PVC	0.029	0.295

Electrical Properties:

	<u>VALUE*</u>
Impedance (ohms):	75
Capacitance (pF/ft):	17
Velocity of Propagation (%):	81
Attenuation (db/100 ft):	
10 MHz	0.9
50 MHz	1.46
100 MHz	1.85
200 MHz	2.70
400 MHz	3.90
700 MHz	5.30
1000 MHz	6.50
1500 MHz	8.50
2000 MHz	9.45
2500 MHz	10.50
3000 MHz	11.40

Cable Cross-section:

(NOT TO SCALE)



Miscellaneous Information:

Jacket Color:	Black or White or Gray
Jacket Print (Aqua/Blue):	COLEMAN CABLE 920414 RG6 18 AWG BC QUAD SHIELD 40/60% AL BRAID (ETL)
(Sequentially footprinted)	3020454 CM OR CL2 OR CATV 75C SUN RES SWEPT TO 3.0 GHZ
Applicable NEC Article:	725, 800 & 820
Flame Rating:	UL-1581 Vertical Tray Flame Test
Maximum Operating Temperature:	75° C
Approximate Weight (lb/1000 ft):	33

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

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Company Name: _____

Customer Approval: _____

Date: _____

Issued: 09/20/06

* = Nominal value
By: RBC