



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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

**PART NUMBER:** 993253  
**DESCRIPTION:** COMBO RG59 COAXIAL PLUS 2 COND/18 AWG IN SIAMESE LAY-UP  
**RATING:** C(ETL)US LISTED AS CM/CL2 CMH FT1

### Construction Parameters:

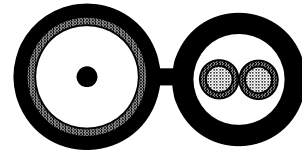
		<u>OD (in)*</u>
<u>Part 1:</u>	Conductor: 20 AWG (1/.032) Solid Bare Copper	0.032
	Dielectric: Foam Polyethylene color natural	0.146
	Shielding: 95% Copper Braid	0.168
<u>Part 2:</u>	Conductor: 18 AWG (7/.015) Stranded Bare Copper	0.046
	Dielectric: Foam Polypropylene	0.062
	Color Code: Black & Red	
<u>Final:</u>	Jacket: PVC extruded over Part 1 and Part 2 with web attached	Appx. 0.232 x 0.421

### Electrical Properties:

<u>Coax:</u>	<u>VALUE*</u>	
Impedance (ohms):	75	
Capacitance (pF/ft):	17	
Velocity of Propagation (%):	78	
Attenuation (db/100 ft):	50 MHz	1.8
	100 MHz	2.5
	200 MHz	3.4
	400 MHz	5.4
	700 MHz	6.9
	1000 MHz	8.2

### Cable Cross-section:

(NOT TO SCALE)



### Miscellaneous Information:

Jacket Color: Black or White  
Jacket Print (Aqua/Teal): CCI 993253 1C20 AWG RG 59/U 2C 18 AWG TYPE CM/CL2 C(ETL)US  
(Ascending/Descending Footprint) 3020465 - TYPE CMH FT1 XXXXXX WO# = XXXXXX  
Applicable NEC Article: 725 & 800  
Voltage: 300V  
Flame rating: UL-1581 Vertical Tray Flame Test  
Approximate Weight (lb/1000 ft): 51

This product complies with European Directive 2011/65/EU (RoHS-2)

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

The information presented here is, to the best of our knowledge, true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We reserve the right to review and modify all constructions to conform with the latest Regulatory requirement. We disclaim all liability in connection with the use of information contained herein or otherwise. This specification is propriety intellectual property of COLEMAN CABLE. Any information contained herein shall not be disclosed to any party without written consent of COLEMAN CABLE.

Company Name: \_\_\_\_\_

Customer Approval: \_\_\_\_\_

Date: \_\_\_\_\_

Issued: 1/18/13

\* = Nominal value  
By: RBC