



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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

PART NUMBER: 993254
DESCRIPTION: COMBO RG59 COAXIAL PLUS 1 PAIR/18 AWG IN SIAMESE LAY-UP
APPLICATION: Suitable for Direct Burial in Wet Locations
RATING: NOT LISTED

Construction Parameters:

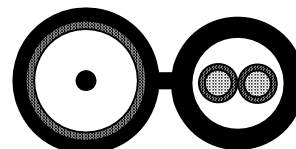
		OD (in)*
<u>Part 1:</u>	Conductor: 20 AWG (1/.032) Solid Bare Copper	0.032
	Dielectric: Foam Polyethylene color natural	0.143
	Shielding: 95% Copper Braid	0.171
<u>Part 2:</u>	Conductor: 18 AWG (7/.015) Stranded Bare Copper	0.046
	Dielectric: Foam Polypropylene	0.062
	Assembly: Two conductors (1 Black & 1 Red) run parallel	0.124
<u>Final:</u>	Jacket: Polyethylene extruded over Part 1 and Part 2 with web attached	Appx. 0.235 x 0.424

Electrical Properties:

	VALUE*
<u>Coax:</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
Jacket Print (Aqua/Teal): CCI 993254 1C20 AWG RG 59/U 2C18 AWG DIRECT BURIAL SUN RES
(Ascending/Descending Footprint) XXXXXX WO# = XXXXXX
Applicable NEC Article: 800
Approximate Weight (lb/1000 ft): 43

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.

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: 07/26/10

* = Nominal value
By: PEM