



Southwire®
WE DELIVER POWER...RESPONSIBLY®

PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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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:

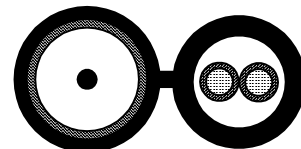
		OD (in)*
<u>Part 1:</u>	Conductor: 20 AWG (1/.032) Solid Bare Copper	0.032
	Dielectric: Foam Polyethylene color natural	0.143
	Shielding: 95% Copper Braid	0.171
<u>Part 2:</u>	Conductor: 18 AWG (7/.015) Stranded Bare Copper	0.046
	Dielectric: Foam Polypropylene	0.062
	Assembly: Two conductors (1 Black & 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:

<u>Coax:</u>	VALUE*
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): SOUTHWIRE 993254 1C20 AWG RG 59/U 2C18 AWG DIRECT BURIAL
(Ascending/Descending Footprint) SUN RES 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 ± 10% of total order requested.

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Company Name: _____

Customer Approval: _____

Date: _____

Issued: 07/26/10

* = Nominal value
By: PEM