



Southwire®
WE DELIVER POWER... RESPONSIBLY™

PRODUCT DATA SHEET

Controlled Document – Engineering Drive

1 Overlook Point, Suite 265
Lincolnshire, IL 60069
USA

PART NUMBER: 993253
DESCRIPTION: COMBO RG59 COAXIAL PLUS 2 COND/18 AWG IN SIAMESE LAY-UP
RATING: UL LISTED CM/CL2

Construction Parameters:

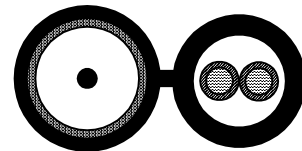
		OD (in)*
<u>Part 1:</u>	Conductor: 20 AWG (1/.032) Solid Bare Copper	0.032
	Dielectric: Foam Polyethylene color natural	0.146
	Shielding: 95% Copper Braid	0.168
<u>Part 2:</u>	Conductor: 18 AWG (7/.015) Stranded Bare Copper	0.046
	Insulation: PVC	0.062
	Color Code: Black & Red	
<u>Final:</u>	Jacket: PVC extruded over Part 1 and Part 2 with web attached	Appx. 0.230 x 0.421

Electrical Properties:

	VALUE*
Coax:	
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): SOUTHWIRE® SIGNAL® 993253 1C20 AWG RG 59/U 2C 18 AWG
(Ascending/Descending Footprint) E57497 (UL) CM/CL2 SUN RES
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.

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Company Name: _____

Customer Approval: _____

Date: _____

Issued: 5/20/20

* = Nominal value
By: RBC