

# PRODUCT DATA SHEET

Controlled Document – Engineering Drive



**Southwire**<sup>®</sup>  
WE DELIVER POWER... RESPONSIBLY\*

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**PART NUMBER:** 92041  
**DESCRIPTION:** RG-6 QUAD SHIELDED COAXIAL CABLE WITH TWO FOILS PLUS 40% AND 60% ALUMINUM BRAIDS  
**RATING:** ETL DUAL LISTED AS CM/CL2 and CATV: UL 13, 444 & 1655

## Construction Parameters:

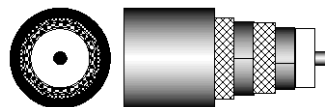
		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	18 AWG (1/.040) Copper Clad Steel		0.040
Dielectric:	Foam Polyethylene color natural	0.070	0.180
Shielding 1 & 2:	100% Bonded Polyester/Aluminum Tape plus 40% Aluminum Braid		0.216
Shielding 3 & 4:	100% Polyester/Aluminum Tape plus 60% Aluminum Braid		0.240
Jacket:	PVC	0.030	0.300

## Electrical Properties:

	<u>VALUE*</u>
Impedance (ohms):	75
Capacitance (pF/ft):	17
Velocity of Propagation (%):	81
Attenuation (db/100 ft):	
10 MHz	0.85
50 MHz	1.0
100 MHz	1.3
200 MHz	2.05
400 MHz	3.05
700 MHz	5.95
1000 MHz	7.55
1500 MHz	10.3
1450 MHz	10.1
2000 MHz	11.3
2500 MHz	12.2
3000 MHz	13.48

## Cable Cross-section:

(NOT TO SCALE)



## Miscellaneous Information:

Jacket Color: Black  
Jacket Print (White): SOUTHWIRE 92041 RG6 18 AWG CCS 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 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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