



Southwire[®]
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PRODUCT DATA SHEET

Controlled Document – Engineering Drive

1 Overlook Point, Suite 265
 Lincolnshire, IL 60069
 USA

PART NUMBER: 988591
DESCRIPTION: RG- 58/U COAXIAL CABLE FULL SWEPT PER MIL-DTL-17
RATING: MIL-DTL-17 Qualified Products List (QPL)

Construction Parameters:

		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	20 AWG (19/33) Tinned Coated Copper		0.035
Dielectric:	Solid Polyethylene color natural	0.041	0.116
Shielding:	93% Tinned Coated Copper Braid		0.138
Jacket:	PVC (Non-Contaminating Vinyl)	0.029	0.195

Electrical Properties:

	<u>VALUE*</u>
Conductor Resistance (Max./100 ft)	1.24
Impedance (ohms):	50
Capacitance (Max. pF/ft):	32.2
Velocity of Propagation (%):	66
Attenuation (Max. db/100 ft):	
50 MHz	4.0
100 MHz	6.5
400 MHz	17.0
1000 MHz	28.0
SRL (Min: dB):	
100 MHz	27.3
500 MHz	25.0
800 MHz	24.0
1000 MHz	24.5

Cable Cross-section:

(NOT TO SCALE)



Miscellaneous Information:

Jacket Color: Black
 Jacket Print (White): COLEMAN CABLE 988591 M17/28-RG058 MIL-DTL-17 OXDS2
 Ink Jet Print (Blue): XXXXXX (Date Code)
 "Coleman Cable LLC, is a wholly owned subsidiary of Southwire Company LLC"
 Operating Temperature Range: M17/28-RG058
 Applicable MIL-DTL-17: +85C to -40C
 Approximate Weight (lb/1000 ft): 25

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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* = Nominal value
 By: RBC