



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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

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)
Applicable MIL-DTL-17: M17/28-RG058
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.

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.

Issued: 9/16/13

* = Nominal value
By: RBC