



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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

PART NUMBER: 988480
DESCRIPTION: RG-071 COAXIAL CABLE FULL SWEPT PER MIL-DTL-17
RATING: Mil-DTL-17 Qualified Products List (QPL)

Construction Parameters:

		OD (in)*
Conductors:	22 AWG 0.0253" solid Copper clad steel	0.025
Dielectric:	Semi-Solid Polyethylene color natural (includes 0.035" Diameter Monofilament thread (Air space)	0.146
Shielding:	95% Bare Copper Braid	0.196
Jacket:	PE	0.245

Electrical Properties:

Cable Cross-section:

(NOT TO SCALE)

	VALUE*
Conductor Resistance (Max./100 ft)	4.4
Shield Resistance (ohms/1000 ft):	2.9
Impedance (ohms):	93
Capacitance (Max. pF/ft):	14.5
Velocity of Propagation (%):	84
Attenuation (Max. db/100 ft):	
50 MHz	1.9
100 MHz	2.7
200 MHz	4.1
400 MHz	8.0
1000 MHz	13.0



Miscellaneous Information:

Jacket Color: Black
Jacket Print (White): COLEMAN CABLE 988480 M17/90-RG071 MIL-DTL-17 OXDS2
Ink Jet Print (Blue): XXXXXX (Date Code)
Applicable MIL-DTL-17: M17/30D-RG071
Approximate Weight (lb/1000 ft): 38

This product complies with European Directive 2011/65/EU (RoHS-2)

On special orders the customer will accept all factory lengths and $\pm 10\%$ of total order requested.

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* = Nominal value
By: RBC