



PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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PART NUMBER: 988463-xx-08
DESCRIPTION: RG 108 TWINAXIAL 78 OHM CABLE
RATING: M17/45-RG108

Construction Parameters:

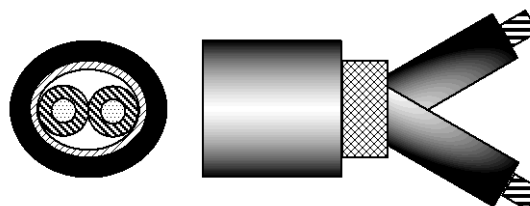
		OD (in)*
<u>Part 1:</u>	Conductor: 20 AWG (7/28) Stranded Tinned Copper	0.038
	Dielectric: Solid Polyethylene Natural in color	0.080
<u>Part 2:</u>	Conductor: 20 AWG (7/28) Stranded (6 Strands Tinned Copper, 1 Strand Bare Copper)	0.038
	Dielectric: Solid Polyethylene Natural in color	0.080
<u>Assembly:</u>	Stranding: Part 1 & Part 2 stranded together with 2-1/2" Right Hand lay	0.160
	Shielding: 80% Tinned Copper Braid	0.182
	Jacket: Non-Contaminating Type II PVC	0.175 x 0.235 + - .010

Electrical Properties:

<u>Coax:</u>	VALUE*
Impedance (ohms):	78
Capacitance (pF/ft):	24
Velocity of Propagation (%):	66
Attenuation db/100'	
50 Mhz	5.2
100 Mhz	7.5
200 Mhz	11.0
400 Mhz	16.0
1000 Mhz	26.2
3000 Mhz	54.0

Cable Cross-section:

(NOT TO SCALE)



Miscellaneous Information:

Jacket Color: Black
Jacket Print (Blue): COLEMAN CABLE 988463 M17/45-RG108 MIL-DTL-17 OXDS2 XXXXXX (Date Code)
Applicable MIL-DTL-17: M17/45E
Max. Voltage Rating: 300 RMS
Max. Temperature Rating: 85° C, -40C
Approx. Weight (lb/1000 ft): 35

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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