Product Specification Sheet

Catalog Number: LMR-400

Construction Detail	Product Illustration		
Dielectric — Outer Jacket Center conductor — Tinned copper braid			
Physical Construction	Description		
Component 1: Coax .108 copper clad aluminum center conductor Foam PE Dielectric: .285-inch nominal diameter 100% Aluminum/poly tape shield bonded to the dielectric 67% 34 AWG tinned copper braid outer shield Final assembly: Single coaxial cable PE jacket: .040-inch nominal thickness Final construction: .405-inch nominal OD Product Print Legend: LMR®-400 COAXIAL CABLE T TIMES MICROWAVE SYSTEMS 68999 MADE IN USA PH<203>949-8400 {DATE CODE} Sequential footmarks are applied in conjunction with the print legend every two feet.	Long life low loss flexible RF coaxial cable for outdoor applications and installations. Guaranteed for 20 year plus service.		
	Color Code N/A		
	Electrical Specifications		
	Coaxial: DCR(conductor): 1.39 Ω per 1000 feet DCR(Shield): 1.65 Ω per 1000 feet Capacitance: 23.9 pF per foot Inductance: .060 μH per foot Peak Power: 16 KW Time Delay: 1.20 nS per foot Impedance: 50 Ω Temperature: -40°C to 85°C VOP: 85.0% Nom.	MHz 30 50 150	dB/100ft .70 .90 1.50
		220 450 900 1500	1.90 2.70 3.90 5.10
		1800 2000 2500 5800	5.70 6.0 6.8 10.8
	Regulatory Specifications		
	This product is not safety rated		
Specification Control	Product Information		
Revision Date: 06/19/2002	Jacket Colors: Black		
Liberty Wire & Cable specifications are subject to change without notice. Contact an account representative for current product specifications. Liberty Wire & Cable continuously strives to ensure product specifications are accurate and complete. All physical specifications are nominal.	Packaging: 1000 foot reels Special Note: LMR-400 is a Times Microwave proprietary product. LMR is a registered trademark of Times Microwave. Please consult Times Microwave documentation for additional information.		

Form Revision Date: 04/15/2004



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