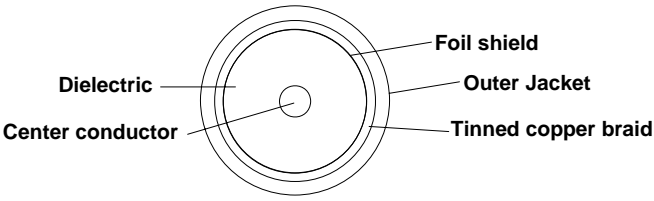
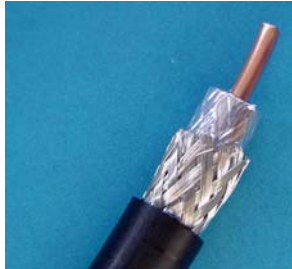


Product Specification Sheet

Catalog Number: LMR-400

Construction Detail	Product Illustration																										
																											
Physical Construction	Description																										
<p>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</p>	<p>Long life low loss flexible RF coaxial cable for outdoor applications and installations. Guaranteed for 20 year plus service.</p>																										
Color Code																											
N/A																											
Electrical Specifications																											
<p>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.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #cccccc;"> <th colspan="2" style="text-align: center;">ATTENUATION</th> </tr> <tr> <th style="text-align: center;">MHz</th> <th style="text-align: center;">dB/100ft</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">30</td><td style="text-align: center;">.70</td></tr> <tr><td style="text-align: center;">50</td><td style="text-align: center;">.90</td></tr> <tr><td style="text-align: center;">150</td><td style="text-align: center;">1.50</td></tr> <tr><td style="text-align: center;">220</td><td style="text-align: center;">1.90</td></tr> <tr><td style="text-align: center;">450</td><td style="text-align: center;">2.70</td></tr> <tr><td style="text-align: center;">900</td><td style="text-align: center;">3.90</td></tr> <tr><td style="text-align: center;">1500</td><td style="text-align: center;">5.10</td></tr> <tr><td style="text-align: center;">1800</td><td style="text-align: center;">5.70</td></tr> <tr><td style="text-align: center;">2000</td><td style="text-align: center;">6.0</td></tr> <tr><td style="text-align: center;">2500</td><td style="text-align: center;">6.8</td></tr> <tr><td style="text-align: center;">5800</td><td style="text-align: center;">10.8</td></tr> </tbody> </table>	ATTENUATION		MHz	dB/100ft	30	.70	50	.90	150	1.50	220	1.90	450	2.70	900	3.90	1500	5.10	1800	5.70	2000	6.0	2500	6.8	5800	10.8
ATTENUATION																											
MHz	dB/100ft																										
30	.70																										
50	.90																										
150	1.50																										
220	1.90																										
450	2.70																										
900	3.90																										
1500	5.10																										
1800	5.70																										
2000	6.0																										
2500	6.8																										
5800	10.8																										
Regulatory Specifications																											
This product is not safety rated																											
Specification Control	Product Information																										
<p>Revision Date: 06/19/2002</p> <p>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.</p>	<p>Jacket Colors: Black</p> <p>Packaging: 1000 foot reels</p> <p>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.</p>																										

Form Revision Date: 04/15/2004