

Ficient Int'l Co., Limited

Address: 3-1-1701 Chuan Shui Yuan, Sui Jiang Rd, Hexi Dist., Tianjin 300221 China

Tel/Fax: +86 22 28287095 Cell: +86 13820587585

Email: ficient2012@gmail.com Skype: ficient2012

Page | 14

Product Catalog

LMR240-400



>> BASIC CONSTRUCTION

		LMR-240	LMR-300	LMR-400
CONDUCTOR	MATERIAL	BC	BC	BC/CCA
	Nom.Dia.	1.42mm	1.78mm	2.74mm
DIELECTRIC	MATERIAL	Foam PE	Foam PE	Foam PE
	Nom.Dia.	3.81mm	4.83mm	7.24mm
SHIELD	MATERIAL	Al Foil+TC braiding	Al Foil+TC braiding	Al Foil+TC braiding
	COVERAGE	45%-90%	45%-90%	45%-90%
JACKET	MATERIAL	PVC/PE	PVC/PE	PVC/PE
	Nom.Thick.	0.79mm	0.97mm	1.09mm
	Nom.Dia.	6.10±0.15mm	7.62±0.20mm	10.29±0.20mm

>> BASIC CHARACTERISTICS

Nominal Impedance(ohm)		50±2		50±2		50±2	
Nominal Velocity of propagation(%)		84		85		85	
Nominal Capacitance(pf/m)		85		84.5		84	
Sparker Test(vac)		2500		4000		4000	
SRL(dB)	50-300	20		20		20	
	300-1000	20		20		20	
Attenuation [68° F(20°C)]	Frequency(MHz)	Maximum(dB/100ft)			Maximum(dB/100m)		
	50	1.7	1.4	0.9	5.58	4.59	2.95
	150	3	2.4	1.5	9.84	7.87	4.92
	300	4.29	3.42	2.19	14.08	11.23	7.2
	450	5.3	4.2	2.7	17.38	13.78	8.86
	500	5.35	4.45	2.84	17.4	14.62	9.39
	960	7.85	6.31	4.03	25.75	20.7	13.22
	1500	9.9	7.9	5.1	32.5	25.92	16.73
	2000	11.5	9.2	6	37.73	30.18	19.68
	2500	12.9	10.4	6.8	42.33	34.12	22.31
	5800	20.4	16.6	10.8	66.8	54.3	35.5

