

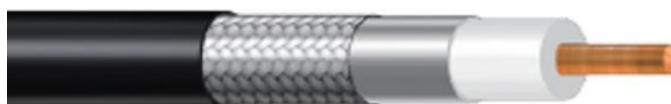
# PRODUCT SPECIFICATION

## LMR 100-600 Series

# HQ-240

### Data sheet

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### Structure specification

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description	material	inches	mm
Inner conductor	Solid BC or CCA	0.056	1.42
dielectric	Foam PE	0.15	3.81
Outer conductor	Aluminum tape	0.155	3.94
Overall braid	Tinned CU or tinned CCA or as per request	0.178	4.52
Jacket	PVC or PE	0.24	6.10

### Mechanical performance

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Performance property	units	US	metric
Bend radius	In.(mm)	2.5	63.5
Tensile strength	Lb(kg)	80	36.3

### Environmental specifications

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Performance property	oF	oC
Installation temperature range	-40/+185	-40/+85
Storage temperature range	-94/+185	-70/+85
Operating temperature range	-40/+185	-40/+85

## Electrical performance

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Performance property									
Velocity of propagation									
capacitance									
Inner conductor resistance									
Outer conductor resistance									
Voltage withstand									
Frequency (MHz)	30	50	150	220	450	900	1500	1800	2000
Attenuation dB/100ft	1.3	1.7	3.0	3.7	5.3	7.6	9.9	10.9	11.5
Attenuation dB/100m	4.4	5.7	9.9	12.0	17.3	24.8	32.4	35.6	37.7