

Table of Contents

LMR 200 Cable Assemblies



Sl. No.	Model Number	Description	Page No.
1.	LWC-CA-N-PLUG-ST-N-PLUG-ST-LMR200	Cable Assembly, N-Plug Straight to N-Plug Straight, LMR 200 Cable	01
2.	LWC-CA-N-PLUG-ST-RPSMA-PLUG-ST-LMR200	Cable Assembly, N-Plug Straight to RPSMA Plug Straight, LMR 200 Cable	02
3.	LWC-CA-RP-SMA-F-MALE-LMR200	Cable Assembly, RP-SMA to F-Male, LMR 200 Cable	03

LAMBDOID WIRELESS COMMUNICATIONS

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LMR 200 RF Cable Assemblies

N-Plug to N-Plug



Technical Specification		Photograph / Drawing
Model Number	LWC-CA-N-PLUG-ST-N-PLUG-ST-LMR200	
Impedance (Ω)	50	
Inner Conductor Resistance (Ω /km)	24.6	
Outer Conductor Resistance(M Ω /km)	16.1	
Capacitance (pF/m)	80.3	
Inductance(uH/m)	0.2	
Spark Test (Volts RMS)	3000	
Velocity of propagation	83 %	
VSWR (0 to 3.0 GHz)	1.8	
Material Specifications		
Inner Conductor	Stranded BC	<ul style="list-style-type: none"> - Flexible - Low cost - Customized cable lengths - Connector of your choice
Braid Shield	Tinned Copper	
Insulation	Foam Polyethylene	
Mechanical Parameters		Feasible Connectors
Inner Conductor Dia (mm)	1.12	<ul style="list-style-type: none"> - N Type - SMA - TNC
Insulation Dia (mm)	2.95	
Jacket (mm)	4.95	
Frequency (in MHz)	Attenuation (dB/100 m)	Applications
100	10.5	<ul style="list-style-type: none"> - Interconnects
450	27.4	
1500	50.9	
3000	72.5	

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LMR 200 RF Cable Assemblies

N-Plug to RP-SMA Plug



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Technical Specification		Photograph / Drawing
Model Number	LWC-CA-N-PLUG-ST-RP-SMA-PLUG-ST-LMR200	
Impedance (Ω)	50	
Inner Conductor Resistance (Ω /km)	24.6	
Outer Conductor Resistance(M Ω /km)	16.1	
Capacitance (pF/m)	80.3	
Inductance(uH/m)	0.2	
Spark Test (Volts RMS)	3000	
Velocity of propagation	83 %	
VSWR (0 to 3.0 GHz)	1.8	
Material Specifications		
Inner Conductor	Stranded BC	<ul style="list-style-type: none"> - Flexible - Low cost - Customized cable lengths - Connector of your choice
Braid Shield	Tinned Copper	
Insulation	Foam Polyethelene	
Mechanical Parameters		Feasible Connectors
Inner Conductor Dia (mm)	1.12	<ul style="list-style-type: none"> - N Type - SMA - TNC
Insulation Dia (mm)	2.95	
Jacket (mm)	4.95	
Frequency (in MHz)	Attenuation (dB/100 m)	Applications
100	10.5	<ul style="list-style-type: none"> - Interconnects
450	27.4	
1500	50.9	
3000	72.5	

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LMR 200 RF Cable Assemblies

RP SMA Male to F-Male



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Technical Specification		Photograph / Drawing
Model Number	LWC-CA-RP-SMA-MALE-F-MALE-LMR200	
Impedance (Ω)	50	
Inner Conductor Resistance (Ω /km)	24.6	
Outer Conductor Resistance ($M\Omega$ /km)	16.1	
Capacitance (μ F/m)	80.3	
Inductance (μ H/m)	0.2	
Spark Test (Volts RMS)	3000	
Velocity of propagation	83 %	
VSWR (0 to 3.0 GHz)	1.8	
Material Specifications		Salient Features
Inner Conductor	Stranded BC	<ul style="list-style-type: none"> - Flexible - Low cost - Customized cable lengths - Connector of your choice
Braid Shield	Tinned Copper	
Insulation	Foam Polyethylene	
Mechanical Parameters		Feasible Connectors
Inner Conductor Dia (mm)	1.12	<ul style="list-style-type: none"> - N Type - SMA - TNC
Insulation Dia (mm)	2.95	
Jacket (mm)	4.95	
Frequency (in MHz)	Attenuation (dB/100 m)	Applications
100	10.5	<ul style="list-style-type: none"> - Interconnects
450	27.4	
1500	50.9	
3000	72.5	

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