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1.13mm Cable Assemblies



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1.13mm RF Cable Assemblies


SMA Jack to IPEX/ UFL/ MHF1

LAMBDOID
WIRELESS

Technical Specification		Photograph / Drawing
Model Number	LWC-CA-SMA-JACK-BH-ST-UFL-1.13	
Impedance (Ω)	50	
Conductor Resistance (Ω /km)	545	
Insulation Resistance ($M\Omega$ /km)	1000	
Capacitance (pF/M)	96	
Dielectric Strength	500V/ min AC	
Spark Test	1KV	
Velocity of propagation	69%	
VSWR (0 to 6.0 GHz)	1.30	
VSWR (6.0 to 8.0 GHz)	1.45	
Material Specifications		Salient Features
Inner Conductor	Silver Cover Copper	<ul style="list-style-type: none"> - RoHS - Flexible - Low cost - High Quality - Cable lengths:15 cm, 20cm, 30cm - Custom cable lengths available.
Insulation	FEP	
Braid Shield	Tinned Copper	
Jacket	FEP	
Mechanical Parameters		Feasible Connectors:
Inner Conductor Dia (mm)	0.22	<ul style="list-style-type: none"> - SMA - UFL/ IPEX/ MHF1
Insulation Dia (mm)	0.70	
Jacket (mm)	1.13	
Frequency (in MHz)	Attenuation (dB/m)	Applications
1000	1.8	<ul style="list-style-type: none"> - Interconnects
2000	2.8	
2400	3.1	
6000	5.1	

1.13mm RF Cable Assemblies

UFL/ MHF1 to UFL/ MHF1

Technical Specification		Photograph / Drawing
Model Number	LWC-CA-UFL-UFL-1.13	
Impedance (Ω)	50	
Conductor Resistance (Ω /km)	545	
Insulation Resistance ($M\Omega$ /km)	1000	
Capacitance (pF/M)	96	
Dielectric Strength	500V/ min AC	
Spark Test	1KV	
Velocity of propagation	69%	
VSWR (0 to 6.0 GHz)	1.30	
VSWR (6.0 to 8.0 GHz)	1.45	
Material Specifications		Salient Features
Inner Conductor	Silver Cover Copper	<ul style="list-style-type: none"> - RoHS - Flexible - Low cost - High Quality - Cable lengths:15/ 20/ 30/ 60 cm
Insulation	FEP	
Braid Shield	Tinned Copper	
Jacket	FEP	
Mechanical Parameters		Feasible Connectors:
Inner Conductor Dia (mm)	0.22	<ul style="list-style-type: none"> - SMA - UFL/ IPEX/ MHF1
Insulation Dia (mm)	0.70	
Jacket (mm)	1.13	
Frequency (in MHz)	Attenuation (dB/m)	Applications
1000	1.8	<ul style="list-style-type: none"> - Interconnects
2000	2.8	
2400	3.1	
6000	5.1	