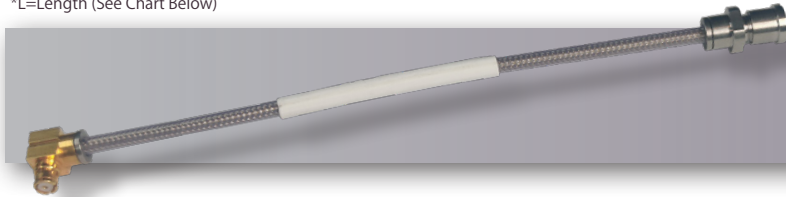


Part No:

# HLB098-SMPJRA-SMPPBH-L\*

\*L=Length (See Chart Below)



*HLB098 Flexible Cable Assembly with SMP Female Right Angle to SMP Male Bulkhead Connectors • DC ~ 18 GHz*



The HLB098 Littlebend Ultra Flexible RF Cable is designed for demanding microwave interconnect requirements. They are phase and amplitude stable. This cable is well suited for dense microwave packaging with a 0.20" minimum bend radius in an 0.098" cable with stainless steel braid.

**HLB098-SMPJRA-SMPPBH-L\*** Littlebend Ultra Flexible RF cables are terminated with high-performance SMP connectors. (Also available in 2.92mm, 2.4mm SMA and SMPM connectors.) Additional configurations available by special order.

The **HLB098-SMPJRA-SMPPBH-L\*** Littlebend Ultra-Flexible RF cable series is RoHS Compliant.



Part #	*L	2GHz		12.4 GHz		18 GHz	
		VSWR	IL(dB)	VSWR	IL(dB)	VSWR	IL(dB)
HLB098-SMPJRA-SMPPBH-03	3"	1.15:1	0.3	1.25:1	0.5	1.35:1	0.6
HLB098-SMPJRA-SMPPBH-04	4"	1.15:1	0.3	1.25:1	0.6	1.35:1	0.7
HLB098-SMPJRA-SMPPBH-05	5"	1.15:1	0.3	1.25:1	0.6	1.35:1	0.8
HLB098-SMPJRA-SMPPBH-06	6"	1.15:1	0.3	1.25:1	0.7	1.35:1	0.8
HLB098-SMPJRA-SMPPBH-07	7"	1.15:1	0.4	1.25:1	0.8	1.35:1	0.9
HLB098-SMPJRA-SMPPBH-08	8"	1.15:1	0.4	1.25:1	0.8	1.35:1	1.0
HLB098-SMPJRA-SMPPBH-09	9"	1.15:1	0.4	1.25:1	0.9	1.35:1	1.0
HLB098-SMPJRA-SMPPBH-10	10"	1.15:1	0.4	1.25:1	0.9	1.35:1	1.1
HLB098-SMPJRA-SMPPBH-11	11"	1.15:1	0.4	1.25:1	1.0	1.35:1	1.2
HLB098-SMPJRA-SMPPBH-12	12"	1.15:1	0.5	1.25:1	1.1	1.35:1	1.2
HLB098-SMPJRA-SMPPBH-13	13"	1.15:1	0.5	1.25:1	1.1	1.35:1	1.3
HLB098-SMPJRA-SMPPBH-14	14"	1.15:1	0.5	1.25:1	1.2	1.35:1	1.4
HLB098-SMPJRA-SMPPBH-15	15"	1.15:1	0.5	1.25:1	1.2	1.35:1	1.5
HLB098-SMPJRA-SMPPBH-16	16"	1.15:1	0.6	1.25:1	1.3	1.35:1	1.5
HLB098-SMPJRA-SMPPBH-17	17"	1.15:1	0.6	1.25:1	1.4	1.35:1	1.6
HLB098-SMPJRA-SMPPBH-18	18"	1.15:1	0.6	1.25:1	1.4	1.35:1	1.7
HLB098-SMPJRA-SMPPBH-19	19"	1.15:1	0.6	1.25:1	1.5	1.35:1	1.7
HLB098-SMPJRA-SMPPBH-20	20"	1.15:1	0.6	1.25:1	1.5	1.35:1	1.8
HLB098-SMPJRA-SMPPBH-21	21"	1.15:1	0.7	1.25:1	1.6	1.35:1	1.9
HLB098-SMPJRA-SMPPBH-22	22"	1.15:1	0.7	1.25:1	1.6	1.35:1	2.0
HLB098-SMPJRA-SMPPBH-23	23"	1.15:1	0.7	1.25:1	1.7	1.35:1	2.0
HLB098-SMPJRA-SMPPBH-24	24"	1.15:1	0.7	1.25:1	1.8	1.35:1	2.1
HLB098-SMPJRA-SMPPBH-30	30"	1.15:1	0.9	1.25:1	2.1	1.35:1	2.5
HLB098-SMPJRA-SMPPBH-36	36"	1.15:1	1.0	1.25:1	2.5	1.35:1	3.0
HLB098-SMPJRA-SMPPBH-48	48"	1.15:1	1.3	1.25:1	3.2	1.35:1	3.8

## Electrical

- Impedance 50 Ohms
- Frequency Range DC - 18 GHz
- VSWR See Chart
- Insertion Loss See Chart
- Diel. Withstanding Voltage 500V
- Insulation Resistance 1000MΩ

## Mechanical

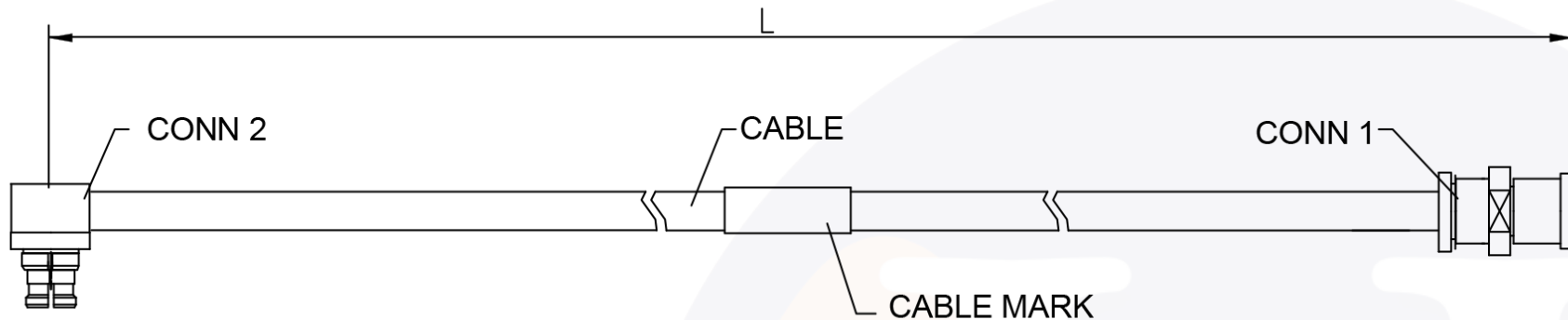
- Min Bend Radius Static: 0.20", Repeated: 0.40"
- Durability 1000 cycles Min.


## Environmental Data

- Temperature Range -55°C to +125°C

## Material

- Cable Center Conductor Silver Plated Solid Copper
- Cable Outer Conductor Silver Plated Copper Strip
- Cable Interlayer Aluminum Foil
- Cable Outer Shield Stainless Steel Braid
- Cable Jacket FEP
- Dielectric Low Density PTFE
- SMP Body & Nut Passivated Stainless Steel
- SMP Center Contact Gold Plated Brass



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									*L=Length (See Chart on Page 1)	