

Part No:

HLB098-S1-NJBH-L



HLB098 Flexible Cable Assembly with SMA Male to Type N Female Bulkhead Connectors • DC ~ 18 GHz

The HASCO HLB098 Littlebend Flexible 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 5.0mm minimum bend radius in a 0.098" cable with stainless steel braid.

Part #	*L	18 GHz	
		VSWR	IL(dB)
HLB098-S1-NJBH-03	3"	1.35:1	0.6
HLB098-S1-NJBH-04	4"	1.35:1	0.7
HLB098-S1-NJBH-05	5"	1.35:1	0.8
HLB098-S1-NJBH-06	6"	1.35:1	0.8
HLB098-S1-NJBH-07	7"	1.35:1	0.9
HLB098-S1-NJBH-08	8"	1.35:1	1.0
HLB098-S1-NJBH-09	9"	1.35:1	1.0
HLB098-S1-NJBH-10	10"	1.35:1	1.1
HLB098-S1-NJBH-11	11"	1.35:1	1.2
HLB098-S1-NJBH-12	12"	1.35:1	1.2
HLB098-S1-NJBH-13	13"	1.35:1	1.3
HLB098-S1-NJBH-14	14"	1.35:1	1.4
HLB098-S1-NJBH-15	15"	1.35:1	1.5
HLB098-S1-NJBH-16	16"	1.35:1	1.5
HLB098-S1-NJBH-17	17"	1.35:1	1.6
HLB098-S1-NJBH-18	18"	1.35:1	1.7
HLB098-S1-NJBH-19	19"	1.35:1	1.7
HLB098-S1-NJBH-20	20"	1.35:1	1.8
HLB098-S1-NJBH-21	21"	1.35:1	1.9
HLB098-S1-NJBH-22	22"	1.35:1	2.0
HLB098-S1-NJBH-23	23"	1.35:1	2.0
HLB098-S1-NJBH-24	24"	1.35:1	2.1
HLB098-S1-NJBH-28	28"	1.35:1	2.3
HLB098-S1-NJBH-30	30"	1.35:1	2.5
HLB098-S1-NJBH-32	32"	1.35:1	2.7
HLB098-S1-NJBH-36	36"	1.35:1	3.0
HLB098-S1-NJBH-48	48"	1.35:1	3.8

HLB098-S1-NJBH-L Littlebend flexible cables are terminated with high performance SMA and Type N Bulkhead connectors. Also available in SMA, SMP, Type N, 1.0mm, 1.85mm, 2.4mm, and 2.92mm connectors. Additional configurations available by special order.



The HASCO **HLB098-S1-NJBH-L** Littlebend flexible cable series is RoHS Compliant.

Electrical

- Impedance 50 Ohms
- Frequency Range DC - 18 GHz
- VSWR See Chart
- Insertion Loss See Chart
- Velocity of Propagation 74%
- Time Delay 4.50 ns/meter
- Amplitude Stability $\pm 0.08\text{dB/m}$ @ 18 GHz
- Phase Stability $\pm 4.0^\circ$ @ 18 GHz
- Dielectric Withstanding Voltage 750V
- Insulation Resistance 1000M Ω

Mechanical

- Min Bend Radius Static: 5.0 mm, Repeated: 10mm
- Durability 1000 cycles Min.

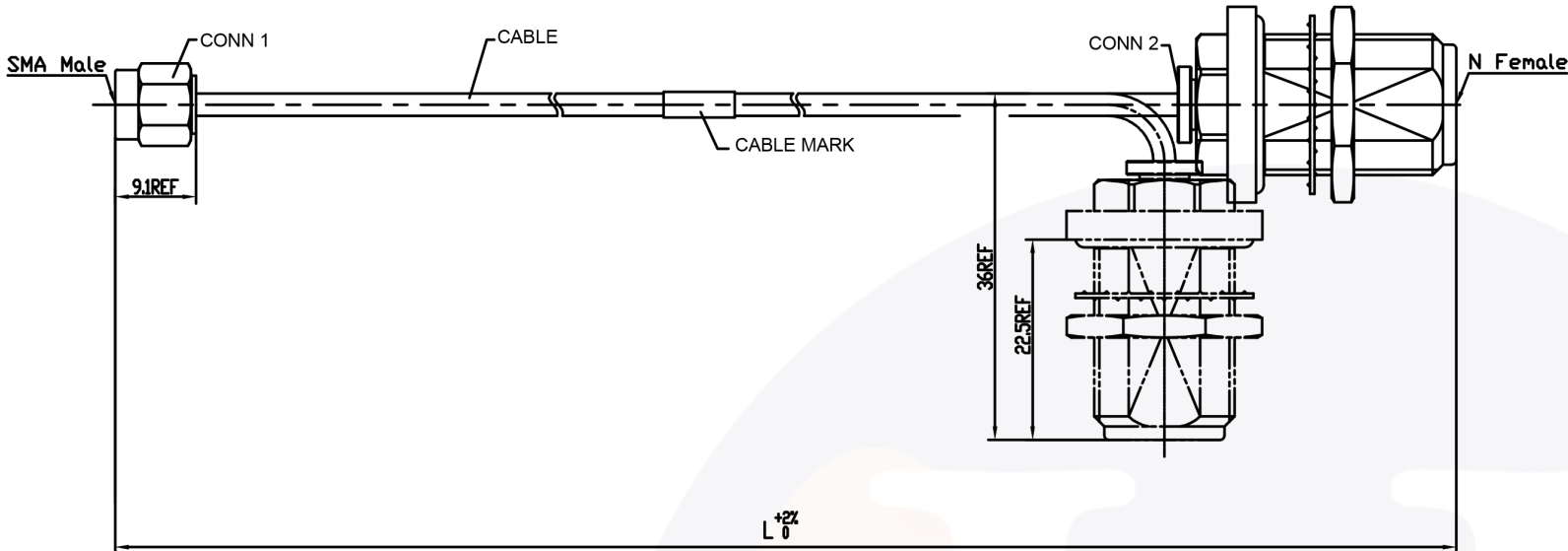
Environmental Data

- Temperature Range -55°C to +125°C

Material

- Cable Center Conductor Silver Plated Solid Copper
- Cable Outer Conductor Silver Plated Copper Strip
- Cable Jacket FEP
- Cable Dielectric PTFE
- N BH Body/Nut Passivated Stainless Steel
- N BH Center Contact Gold Plated Brass
- N BH Dielectric PTFE
- SMA Body/Nut Passivated Stainless Steel
- SMA Center Contact Gold Plated Brass
- SMA Dielectric PTFE

LittleBend SMA Male to Type N Female Bulkhead Ultra Flexible RF Cable Series | DC ~ 18 GHz | Outline Drawing



LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: NS	CHECKED BY: JS
-	RELEASE	5/24	TC	APPROVED BY: TC	
				THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HASCO COMPONENTS AND SHALL NOT BE REPRODUCED, COPIED NOR USED - IN WHOLE OR IN PART - AS THE BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS, WRITTEN PERMISSION OF HASCO COMPONENTS.	
THIS DRAWING IS A CONTROLLED DOCUMENT					



by HASCO, Inc.
 5214 Bonsai Street • Moorpark, CA 93021
 (888) 498-3242 • sales@hasco-inc.com
www.hasco-inc.com/littlebend

MATERIALS: SEE DATA SHEET	CAGE CODE: OT8L4	SCALE: N/A	SIZE: A
FINISHES: SEE DATA SHEET	PART NO./DRAWING NO. HLB098-S1-NJBH-L		REV: -