

Part No:

HLB098-NP-NP-L



HLB098 Flexible Cable Assembly with Type N Male to Type N Male 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-NP-NP-03	3"	1.35:1	0.6
HLB098-NP-NP-04	4"	1.35:1	0.7
HLB098-NP-NP-05	5"	1.35:1	0.8
HLB098-NP-NP-06	6"	1.35:1	0.8
HLB098-NP-NP-07	7"	1.35:1	0.9
HLB098-NP-NP-08	8"	1.35:1	1.0
HLB098-NP-NP-09	9"	1.35:1	1.0
HLB098-NP-NP-10	10"	1.35:1	1.1
HLB098-NP-NP-11	11"	1.35:1	1.2
HLB098-NP-NP-12	12"	1.35:1	1.2
HLB098-NP-NP-13	13"	1.35:1	1.3
HLB098-NP-NP-14	14"	1.35:1	1.4
HLB098-NP-NP-15	15"	1.35:1	1.5
HLB098-NP-NP-16	16"	1.35:1	1.5
HLB098-NP-NP-17	17"	1.35:1	1.6
HLB098-NP-NP-18	18"	1.35:1	1.7
HLB098-NP-NP-19	19"	1.35:1	1.7
HLB098-NP-NP-20	20"	1.35:1	1.8
HLB098-NP-NP-21	21"	1.35:1	1.9
HLB098-NP-NP-22	22"	1.35:1	2.0
HLB098-NP-NP-23	23"	1.35:1	2.0
HLB098-NP-NP-24	24"	1.35:1	2.1
HLB098-NP-NP-28	28"	1.35:1	2.3
HLB098-NP-NP-30	30"	1.35:1	2.5
HLB098-NP-NP-32	32"	1.35:1	2.7
HLB098-NP-NP-36	36"	1.35:1	3.0
HLB098-NP-NP-48	48"	1.35:1	3.8

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



The HASCO **HLB098-NP-NP-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.

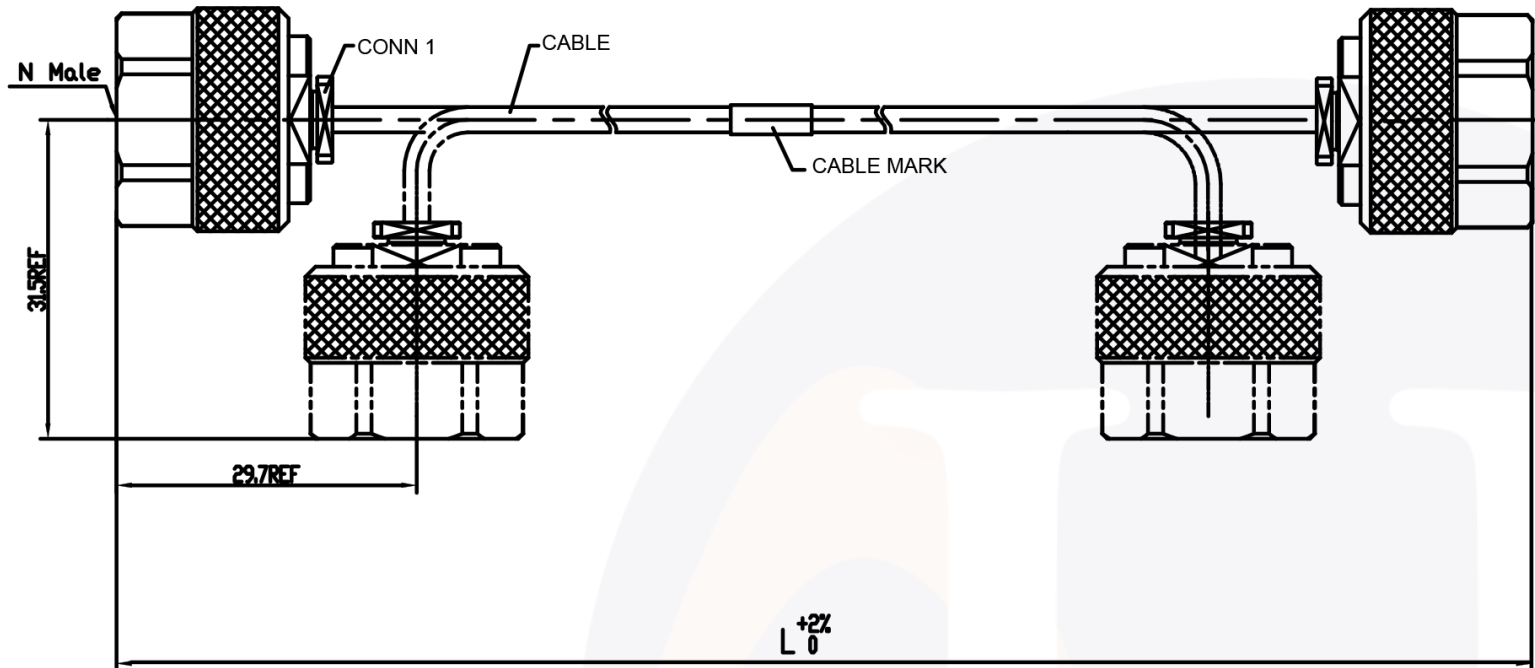
Environmental Data

- Temperature Range -55°C to +125°C

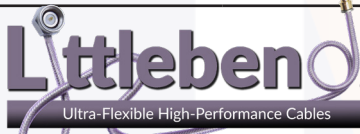
Material

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

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



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MATERIALS: SEE DATA SHEET	CAGE CODE: 0T8L4	SCALE: N/A	SIZE: A
FINISHES: SEE DATA SHEET	PART NO./DRAWING NO. HLB098-NP-NP-L		REV: -