

Part No:


# HLL145R-08J-08J-L



## HLL145R Low Loss, Phase Stable, Flexible Cable Series with 0.8mm Female to 0.8mm Female Connectors - 145 GHz



### Features

- RoHS Compliant 
- Low Loss
- Phase Stable

The HASCO HLL145R Series Cable is a low loss LL145R cable that operates from DC to 145 GHz. This cable series is constructed with 0.8mm Female to 0.8mm Female connectors. These cables are internally ruggedized with multi-layer copper spiral and braided armor. They offer excellent phase and amplitude stability vs. flexure.

Part Number	Length (inch)	Insertion Loss (dB)
HLL145R-08J-08J-4	4"	$\leq 3.2$ dB
HLL145R-08J-08J-6	6"	$\leq 4.3$ dB
HLL145R-08J-08J-8	8"	$\leq 5.4$ dB
HLL145R-08J-08J-9	9"	$\leq 6$ dB
HLL145R-08J-08J-10	10"	$\leq 6.5$ dB
HLL145R-08J-08J-12	12"	$\leq 7.7$ dB
HLL145R-08J-08J-13	13"	$\leq 8.2$ dB
HLL145R-08J-08J-16	16"	$\leq 9.9$ dB
HLL145R-08J-08J-18	18"	$\leq 11$ dB
HLL145R-08J-08J-24	24"	$\leq 14.4$ dB

### Electrical

- Impedance 50  $\Omega$
- Frequency Range DC - 145 GHz
- VSWR 1.50:1 Max
- Insertion Loss 22\* L(M)+0.9 dB @ 145 GHz Max
- Diel. Withstanding Voltage 500V
- Insulation Resistance 1000 M $\Omega$

### Mechanical

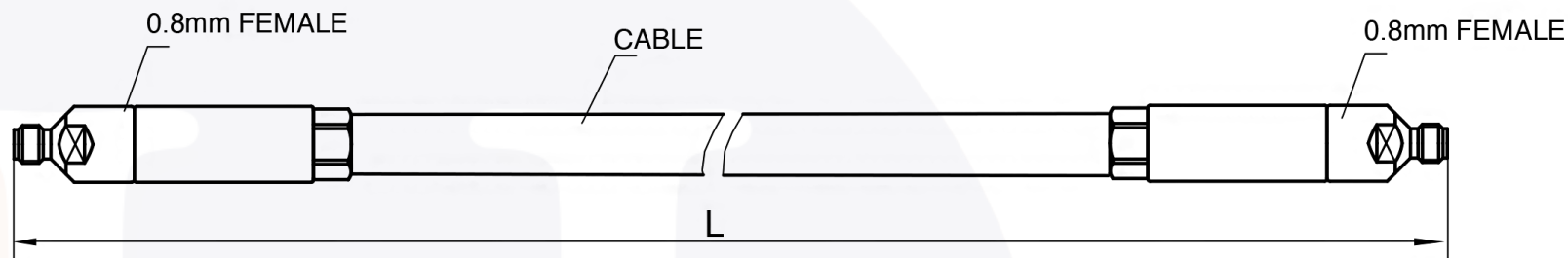
- Min Bend Radius 50mm Repeated
- Durability 1000 Cycles

### Environmental

- Temperature Range -55°C to 85°C

### Material

- Connector Body Passivated Stainless Steel
- Dielectric PEI
- Center Contact Gold Plated BeCu



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-	RELEASE	4/26	TC		APPROVED BY: TC
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MATERIALS: SEE DATA SHEET	CAGE CODE: 0T8L4	SCALE: N/A	SIZE: A
FINISHES: SEE DATA SHEET	PART NO./DRAWING NO. <b>HLL145R-08J-08J-L</b>		REV: -