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-04	4″	≦ 3.2 dB
HLL145R-08J-08J-06	6″	≦ 4.3 dB
HLL145R-08J-08J-08	8″	≦ 5.4 dB
HLL145R-08J-08J-09	9″	≦ 6 dB
HLL145R-08J-08J-10	10″	≦ 6.5 dB
HLL145R-08J-08J-12	12″	≦ 7.7 dB
HLL145R-08J-08J-13	13″	≦ 8.2 dB
HLL145R-08J-08J-16	16″	≦ 9.9 dB
HLL145R-08J-08J-18	18″	≦ 11 dB
HLL145R-08J-08J-24	24″	≦ 14.4 dB

Electrical

• Impedance	50 Ω
• 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 MΩ

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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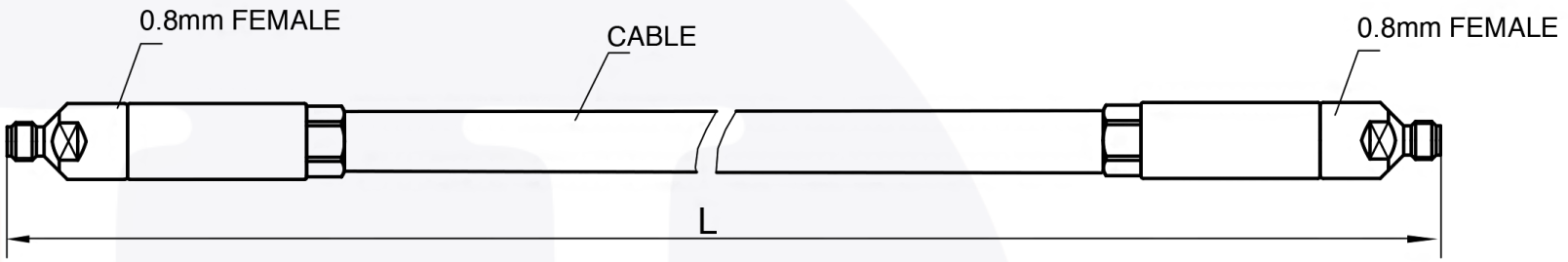
HLL145R Low Loss, Phase Stable, Flexible Cable Series with 0.8mm Female to 0.8mm Female Connectors | DC - 145 GHz | Outline Drawing



LTR	DESCRIPTION	DATE	APPR.
-	RELEASE	4/26	TC

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DRAWN BY: NS

REVIEWED BY: JS

APPROVED BY: TC

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HASCO COMPONENTS
5214 Bonsai Avenue • Moorpark, CA 93021
(888) 498-3242 • sales@hasco-inc.com
www.hasco-inc.com

MATERIALS: SEE DATA SHEET

FINISHES: SEE DATA SHEET

CAGE CODE: 0T8L4

SCALE: N/A

SIZE: A

PART NO./DRAWING NO.: **HLL145R-08J-08J-L**

REV: -

Product specifications subject to change without notification.

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