

Part No:

HLL228R-24J-29P-L



HLL228R Low Loss Ruggedized Flexible Test Cable with 2.4mm Female to 2.92mm Male Connectors - 40 GHz



Features

- RoHs Compliant 
- Standard & Spec: GJB 681A-2002, GJB1215A-2005

The HASCO HLL228R Series Cable is a low loss LL228 cable that operates from DC to 40 GHz. This cable series is constructed with 2.4mm Female to 2.92mm Male connectors. These cables are internally ruggedized with multi-layer copper spiral and braided armor. They offer excellent phase and amplitude stability vs. flexure. The HLL228R Series cables offer 1.30:1 max VSWR.

Part Number	Length (inch)	Insertion Loss (dB)
HLL228R-24J-29P-24	24"	≤ 2.2 dB
HLL228R-24J-29P-30	30"	≤ 2.6 dB
HLL228R-24J-29P-36	36"	≤ 3.2 dB
HLL228R-24J-29P-48	48"	≤ 3.8 dB
HLL228R-24J-29P-60	60"	≤ 4.5 dB

Electrical

- Impedence 50 Ω
- Frequency Range DC - 40 GHz
- VSWR 1.30:1 Max
- Bend Radius 36mm
- Insertion Loss See Table
- Insulation Resistance $\geq 5000M\Omega$
- Diel. Withstanding Voltage 1000 V rms (sea level)

Mechanical

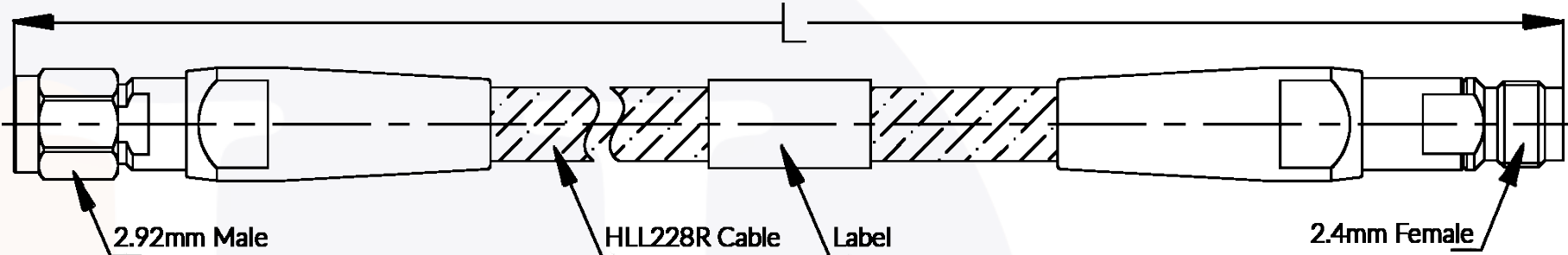
- Durability 1000 Cycles

Environmental

- Temperature Range -55°C to 125°C

Material

- Connector Body & Nut Passivated Stainless Steel
- Center Contact Gold Plated BeCu
- Connector Dielectric PEI
- Cable Contact SPC
- Cable Dielectric LD-PTFE
- Shield SPC Braid (inner), LD-PTFE (middle), SPC Braid (Outer)
- Jacket FEP, Flat Stainless Spring Tube (inner jacket)
- Strengthened Shield Tin plated Copper Wire
- Anti-Twist Layer PTFE Wrapping Tape
- Outer Armor PTFE Braid



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MATERIALS: SEE DATA SHEET	CAGE CODE: 0T8L4	SCALE: N/A	SIZE: A
FINISHES: SEE DATA SHEET	PART NO./DRAWING NO. HLL228R-24J-29P-L		REV: -