

Part No:

# HLL228R-29P-29P-36



*2.92mm Male to 2.92mm Male Test Cable using LL228 Low Loss Ruggedized Flexible Cable, Excellent Phase and Amplitude Stability vs. Flexure, DC- 40 GHz, 36 Inches*

## Specifications

• Frequency Range	DC - 40 GHz
• Insulation Resistance	5,000M $\Omega$
• Insertion Loss	$\leq 2.0$ dB @ 40 GHz
• VSWR	1.30:1 MAX
• Impedance	50 Ohms
• Dielectric Withstanding Voltage	1,000V Max at Sea Level
• Min. Bend Radius	1.4"
• Velocity of Propagation	83%
• RF Leakage	$> 90$ dB
• Phase Stability	$\leq \pm 0.04$ dB @ 40 GHz
• Phase Stability over Flexure	$\leq \pm 4^\circ$ @ 40 GHz
• Capacitance	27pf/ft=88pf/m
• Temperature Range	-45°C - +85°C

## Materials and Finishes

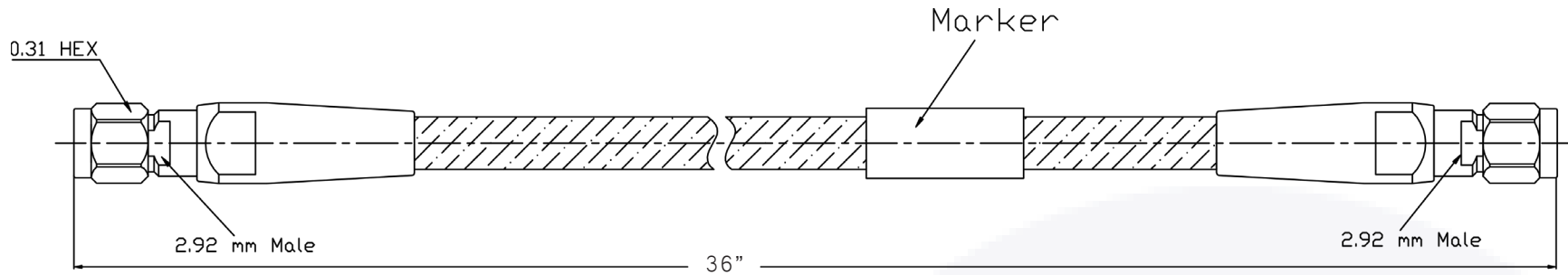
• Connectors	Passivated Stainless Steel
• Connector Center Contact	Gold Plated Copper
• Insulation	PEI
• Inner and Outer Shield	Silver Plated Copper
• Cable Center Contact	Silver Plated Copper
• Jacket	FEP
• Outer Armor	Purple PTFE Braid


The HASCO **HLL228R Series Cable** is a low loss LL228 cable that operates from DC to 40 GHz. This cable series is constructed with 2.92mm Male 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. This HLL228R Series cables offers 1.30:1 max VSWR.

The HLL228R-29P-29P-36 is RoHS Compliant.



HASCO offers many types and configurations of RF and microwave cable assemblies and can support most requirements, such as flexible, conformable, semi-rigid, VGA, low-loss, phase stable, armored, jacketed and more; all assembled with the highest quality RF connectors.



LTR	DESCRIPTION	DATE	APPR.	CREATED BY: JMS	CHECKED BY: TAC	 <p>5214 Bonsai Street • Moorpark, CA 93021 (888) 498-3242 • sales@hasco-inc.com <a href="http://www.hasco-inc.com">www.hasco-inc.com</a></p>		
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					FINISHES: SEE DATA SHEET	PART NO./DRAWING NO. <b>HLL228R-29P-29P-36</b>		REV: A
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