

Part No:

HLL228R-29P-29J-30



2.92mm Male to 2.92mm Female Test Cable using LL228 Low Loss Ruggedized Flexible Cable, Excellent Phase and Amplitude Stability vs. Flexure, DC- 40 GHz, 30 Inches

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 Female 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-29J-30 is RoHS Compliant.



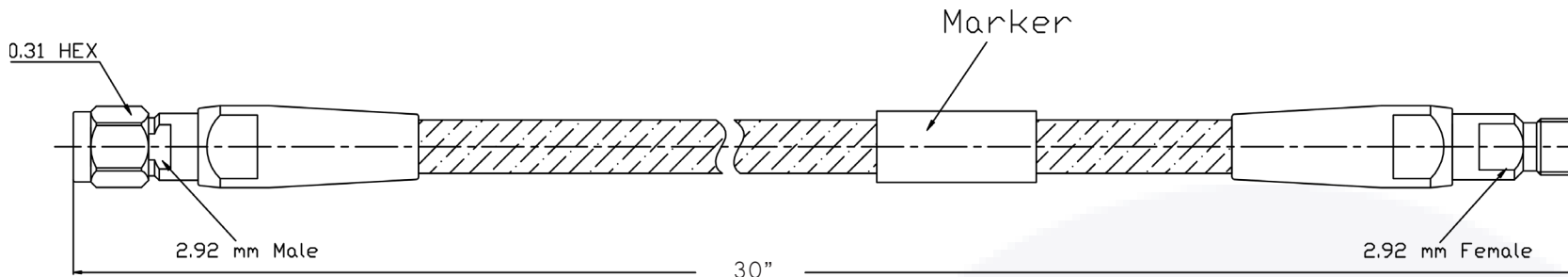
HASCO offers many types and configurations of RF and microwave cable assemblies and can support most requirements, such as flexible, conformable, semi-rigid, VGA, low-loss, phase stable, armored, jacketed and more; all assembled with the highest quality RF connectors.


Specifications

• Frequency Range	DC - 40 GHz
• Insulation Resistance	5,000M Ω
• Insertion Loss	≤ 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	Sliver Plated Copper
• Cable Center Contact	Silver Plated Copper
• Jacket	FEP
• Outer Armor	Purple PTFE Braid



LTR	DESCRIPTION	DATE	APPR.	CREATED BY: JMS	CHECKED BY: TAC		5214 Bonsai Street • Moorpark, CA 93021 (888) 498-3242 • sales@hasco-inc.com www.hasco-inc.com			
-	RELEASE	12/19	TAC	APPROVED BY: TAC						
A	JACKET COLOR CHANGE	10/20	TAC	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HASCO COMPONENTS AND SHALL NOT BE REPRODUCED, COPIED NOR USED - IN WHOLE OR IN PART - AS THE BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS, WRITTEN PERMISSION OF HASCO COMPONENTS.			MATERIALS:	CAGE CODE:	SCALE:	SIZE:
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