

Part No:

# HLL185R-VP-VP-30



*1.85mm Male to 1.85mm Male Test Cable using LL185 Low Loss Ruggedized Flexible Cable, Excellent Phase and Amplitude Stability vs. Flexure, DC- 67 GHz, 30 Inches*

The HASCO **HLL185R Series Cable** is a low loss LL185 cable that operates from DC to 67 GHz. This cable series is constructed with 1.85mm Male to 1.85mm 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 HLL185R Series cables offer 1.50:1 max VSWR.

The HLL185R-VP-VP-30 is RoHS Compliant.



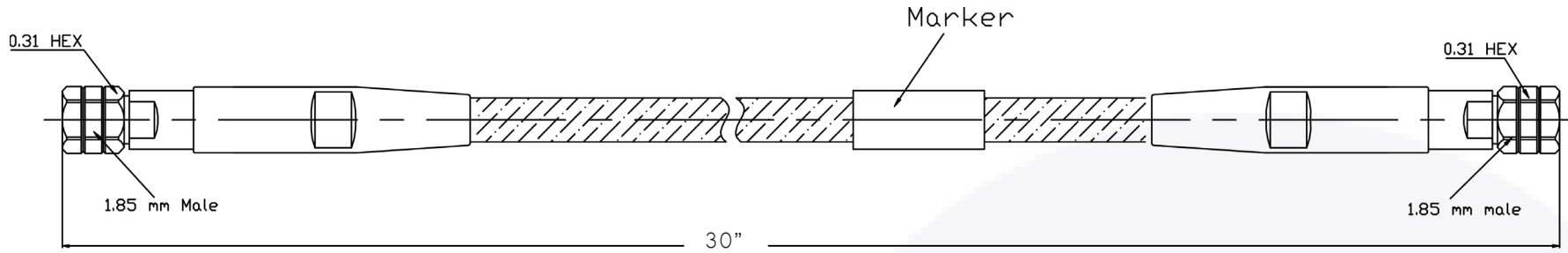
HASCO offers many types and configurations of RF and microwave cable assemblies and can support most requirements, such as flexible, conformable, semi-rigid, VGA, low-loss, phase stable, armored, jacketed and more; all assembled with the highest quality RF connectors.


## Specifications

• Frequency Range	DC - 67 GHz
• Insulation Resistance	5,000M $\Omega$
• Insertion Loss	$\leq$ 4.0dB @ 67 GHz
• VSWR	1.50:1 MAX
• Impedance	50 Ohms
• Dielectric Withstanding Voltage	1,000V Max at Sea Level
• Min. Bend Radius	1.2"
• Velocity of Propagation	76%
• RF Leakage	$>$ 90 dB
• Phase Stability	$\leq \pm$ 0.15dB @ 67 GHz
• Phase Stability over Flexure	$\leq \pm$ 6.5° @ 67 GHz
• Dielectric Withstanding Voltage	1,000V Max at Sea Level
• 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



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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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