


Part No:

# HVNA67-185NMD-185P-L



## *HVNA67 Flexible Phase Stable Test Cable with 1.85mm Female NMD to 1.85mm Male Connectors - 67 GHz*

### Features

- RoHs Compliant 
- Phase Stable vs. Flexure

The HASCO **HVNA67-185NMD-185P-L** is a flexible, phase stable test cable that operates from DC to 67 GHz. This cable series is constructed with 1.85mm Female NMD to 1.85mm Male connectors. They offer excellent phase stability vs. flexure.

VSWR		
Frequency (GHz)	Typical	Maximum
DC - 18	1.15	1.25
18 - 40	1.22	1.30
40 - 50	1.26	1.35
50 - 67	1.31	1.35

Insertion Loss	
Length (inch)	IL (dB)
24	4.58
30	5.52
36	6.47
48	8.36

### Electrical

- Impedence 50  $\Omega$
- Frequency Range DC - 67 GHz
- VSWR See Table
- Insertion Loss  $IL \leq 6.2 * L (M) + 0.8 \text{ dB @ 67 GHz}$
- Velocity of Propogation 80%
- Shielding Effectiveness > 90 dB
- Power Handling @ 40°C  
115 W @ 1 GHz   59 W @ 6 GHz   34 W @ 18 GHz  
27 W @ 26.5 GHz   22 W @ 40 GHz   20 W @ 50 GHz  
17 W @ 67 GHz

### Mechanical

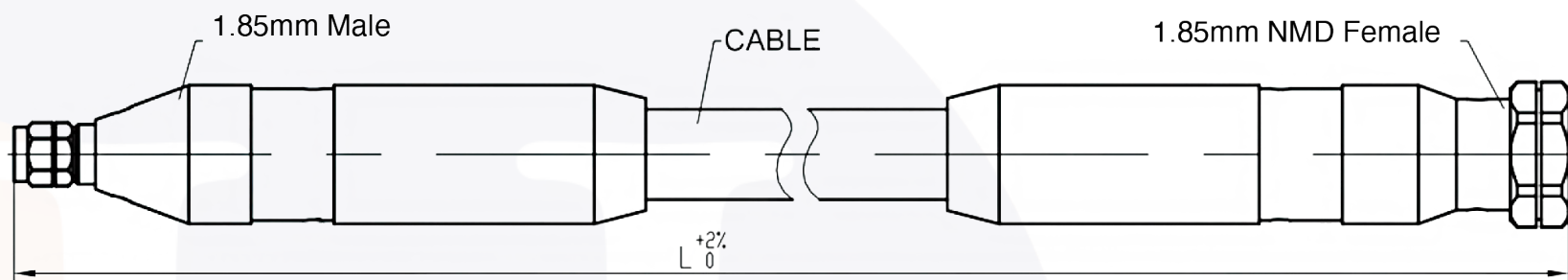
- Min Bend Radius 1.97 inch (50mm)


### Environmental

- Temperature Range 23°C  $\pm$  5°C (Operating)
- Temperature Range -45°C to 85°C (Storage)

### Material

- Connector Body & Nut Passivated Stainless Steel
- Dielectric PEI
- Center Contact Gold Plated BeCu



LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: NS	REVIEWED BY: JS	<div><div>HASCO COMPONENTS</div></div> <div>5214 Bonsai Avenue • Moorpark, CA 93021 (888) 498-3242 • sales@hasco-inc.com <a href="http://www.hasco-inc.com">www.hasco-inc.com</a></div>					
-	RELEASE	1/26	TC		APPROVED BY: TC						
				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:	
						SEE DATA SHEET		0T8L4	N/A	A	
						FINISHES:		PART NO./DRAWING NO.			REV:
						SEE DATA SHEET		HVNA67-185NMD-185P-L			-
THIS DRAWING IS A CONTROLLED DOCUMENT											