

Part No:


# HVNA26



## HVNA26 Cable Series with 3.5mm NMD to 3.5mm VNA Connectors - 26.5 GHz



### Features

- RoHs Compliant 
- Extra Rugged & Long-Life Performance
- Negligible Changes of Phase & Amplitude Stability after Flexing
- Phase Stable vs. Flexure:  $\pm 2.5^\circ$  @ 26.5 GHz  
(When wrapped 90° around a 2" diameter mandrel)

The HASCO **HVNA26** is a Lab Grade VNA Test Cable Series that is phase stable vs. flexure. Available with 3.5mm NMD Female to 3.5mm VNA Female, and 3.5mm NMD Female to 3.5mm VNA Male connectors and rated to 26.5 GHz.

Part Number	Length (inch)	Insertion Loss (dB)
HVNA26-35NMD-35J-24	24"	$\leq 2.1$ dB
HVNA26-35NMD-35J-30	30"	$\leq 2.5$ dB
HVNA26-35NMD-35J-36	36"	$\leq 2.9$ dB
HVNA26-35NMD-35P-24	24"	$\leq 2.1$ dB
HVNA26-35NMD-35P-30	30"	$\leq 2.5$ dB
HVNA26-35NMD-35P-36	36"	$\leq 2.9$ dB

### Electrical

• Impedance	50 $\Omega$		
• Frequency Range	DC - 26.5 GHz		
• VSWR	1.30:1 Max		
• Amplitude Stability	$\leq \pm 0.4$ dB thru 26.5 GHz		
• Velocity of Propagation	70%		
• Time Delay	1.4 ns/ft		
• Diel. Withstanding Voltage	1000 V Max		
• Capacitance	29.4 pF/ft		
• Power CW	420 W @ 2 GHz	140 W @ 10 GHz	75 W @ 26.5 GHz
• Phase Stability vs. Flexure	$\pm 0.19^\circ$	$\pm 0.94^\circ$	$\pm 2.5^\circ$

### Mechanical

• Min Bend Radius	1.5 inch
• Recommended Bend Radius	2.0 inch

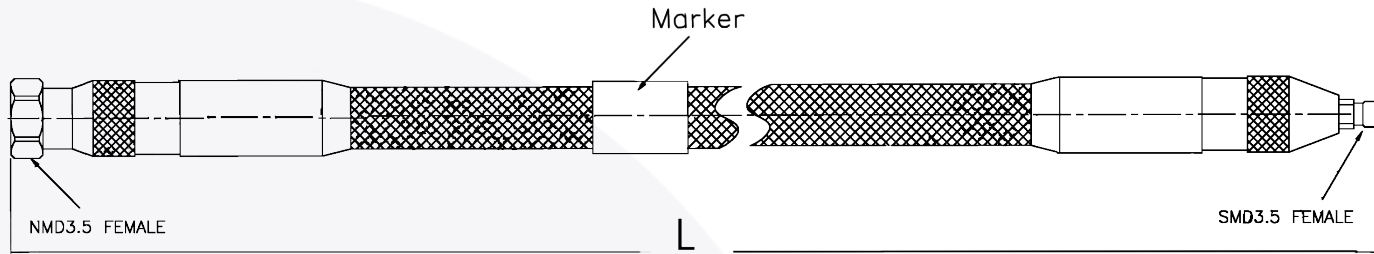
### Environmental

• Temperature Range	-40°C to 85°C
---------------------	---------------

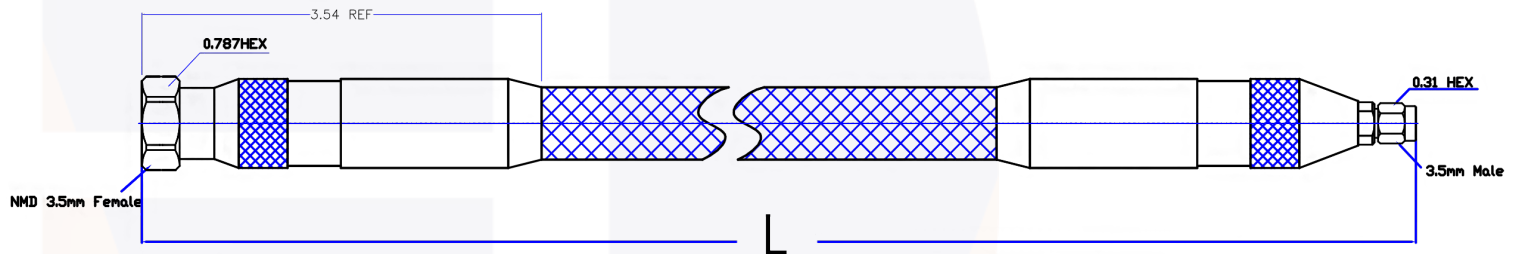
### Material


• Connector Body & Nut	Passivated Stainless Steel
• Dielectric	PEEK
• Center Contact	Gold Plated BeCu
• Gasket	Silicon
• Outer Braid	PET

3.5mm NMD Female to 3.5mm VNA Female



3.5mm NMD Female to 3.5mm VNA Male



LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: NS	REVIEWED BY: JS	 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>			
-	RELEASE	12/16	TC		APPROVED BY: TC				
A	FORMAT UPDATE	9/23	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:
B	DATASHEET UPDATE	6/26	TC			SEE DATA SHEET	0T8L4	N/A	A
						FINISHES:	PART NO./DRAWING NO.		REV:
						SEE DATA SHEET	<b>HVNA26</b>		B
THIS DRAWING IS A CONTROLLED DOCUMENT									