

Part No:

HVNA50 CABLE SERIES



*2.4mm NMD to 2.4mm VNA Test Cable
Low Loss, Phase Stable vs Flexure - 50 GHz*



The HASCO **HVNA50 Cable Assemblies** are RF Cables offered by HASCO Components and are available in a variety of RF connectors and custom lengths for production and testing environments. HVNA50 is an RF cable assembly manufactured by HASCO Components. This is a Lab Grade VNA test cable assembly is RoHS compliant as well as extra rugged. It is highly stable during lab testing and has precision measurement capabilities with excellent phase stability vs flexure. This RF Assembly is rated up to 26.5 GHz

Electrical

| | |
|-----------------------------------|-------------------------|
| • Frequency Range | DC - 50 GHz |
| • VSWR | 1.40:1 |
| • Insulation Resistance | 5,000M Ω Min |
| • Velocity of Propagation | 82% |
| • Time Delay | 4.04 ns/ft |
| • Amplitude Stability | ≤ 0.3 dB @ 40 GHz |
| • Dielectric Withstanding Voltage | 1,000 V Max |
| • Max Operating Voltage | 1KV (RMS) |
| • Min. Bend Radius | 1.5" (2.0" Recommended) |

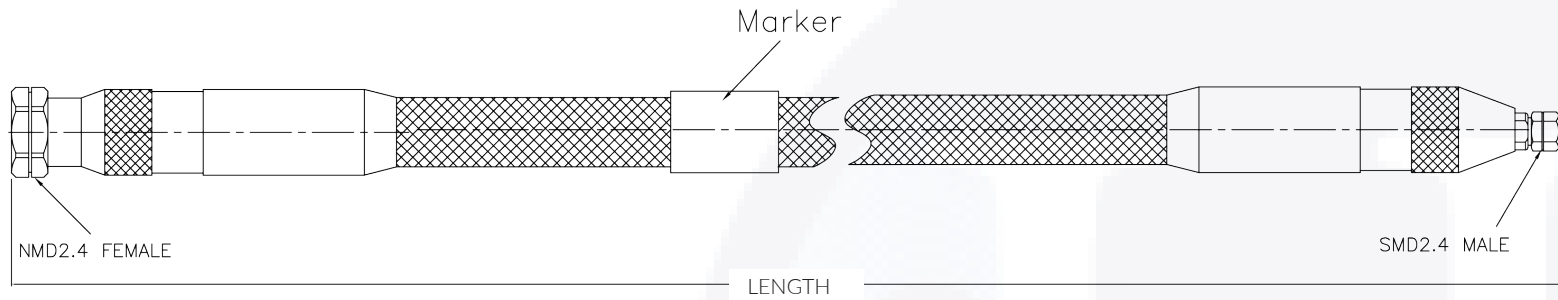
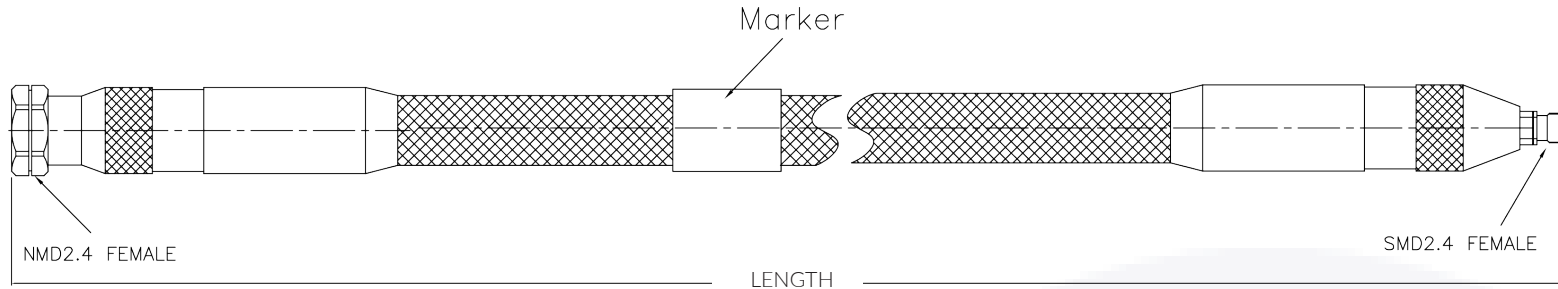
Environmental Data

| | |
|---------------------|----------------|
| • Temperature Range | -40°C - +105°C |
|---------------------|----------------|

Material

| | |
|-------------------------|----------------------------|
| • Dielectric | PEEK |
| • Center Conductor | Silver Plated Copper Wire |
| • Cable Outer Conductor | Silver Plated Copper Wire |
| • Cable Outer Braid | Black PET |
| • Connectors | Passivated Stainless Steel |

HVNA50 CABLE SERIES | DC - 50 GHz | Outline Drawing



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|---------------------------------------|-------------|-------|-------|--|-----------------|
| LTR | DESCRIPTION | DATE | APPR. | DRAWN BY: JS | CHECKED BY: TAC |
| - | RELEASE | 12/16 | TAC | APPROVED BY: TAC | |
| A | NEW FORMAT | 9/23 | 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. | |
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| MATERIALS: SEE DATA SHEET | CAGE CODE: 0T8L4 | SCALE: N/A | SIZE: A |
| FINISHES: SEE DATA SHEET | PART NO./DRAWING NO. HVNA50 CABLE SERIES | | REV: A |