

# news

## Just Released

### Semflex Introduces RH Cable For Precision Test & Measurement Apps

#### *Precision Testing Gets More Precise with High Performance Cable*

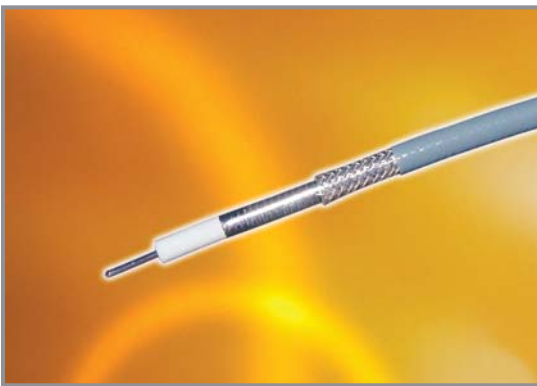
Semflex Inc., a manufacturer of microwave frequency coaxial cable for the telecommunications, mil/aero and test instrumentation markets, announced the introduction of the new RH Cable Series to the company's product line. Designed for cable assemblies that support today's premium test and

measurement instruments, this cable delivers improved phase stability vs. flexure and temperature. Design and test engineers will find RH cable ideal for intermodulation and low noise measurement, flexible VNA/PNA test ports, phased array antennas, RFI and EMI test sites, and other precision test and measurement applications.

The improved performance of RH cable assemblies is a result of the unique technology in the cable design. Lower attenuation is achieved through use of silver plated inner and outer conductors, and low density microporous PTFE dielectrics and FEP jackets provide consistent performance over wide temperature extremes. Shielding effectiveness of >100 dB

results from the double shielded construction of a helically wrapped foil and a woven flat braid.

RH Series cable is stocked and available for immediate delivery on bulk reels. Rapid response, made-to-order cable assemblies are also available with a wide range of connectors and configurations. For product information and ordering call **1-800-778-4401** or visit the company's website at [www.semflex.com](http://www.semflex.com)



#### **APPLICATIONS:**

- Test & Measurement
- Phased Array Antennas

#### **SPECIFICATIONS**

Impedance (ohms)	50
Capacitance (pf/ft)*	27
Inductance (nH/ft)*	67
Shielding Effectiveness (dB)	>100
Cut Off Frequency (GHz)*	55
Velocity of Propagation*	75.5%
Max Structural VSWR	1.20:1
Inside Min Bend Radius*	0.6"
Weight (lbs/ft)	0.025
Operating Temperature	-65° to +200° C
Standards	MIL-C-17, MIL-C-39012, MIL STD-348A and other applicable industry specs

\* for RH110 model. Other models may vary slightly.

The Difference Starts With The Cable

**Semflex**  
a STRATOS company