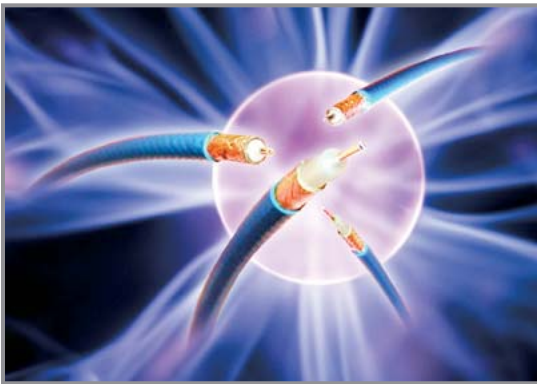


news

Just Released

SM Series Provides Cost/Time Saving Alternative to Semi Rigid Cable

Semflex Inc., a manufacturer of coaxial cable for the telecommunications, mil/aero and test



APPLICATIONS:

- Military ECM and guidance systems
- Commercial antennas
- Commercial communications applications
- Virtually anywhere compact or densely spaced RF interconnections are needed

instrumentation markets, announced the introduction of their new SM Series cable, a new highly flexible product for use in applications from DC to 18 GHz. The flexibility of SM Series cable allows designers to bypass the cumbersome and costly step of fabricating 3-dimensional semi-rigid drawings, resulting in significant cost savings and faster time to market. This

solution is ideal for applications such as military ECM and guidance systems, commercial antennas, commercial communications applications, and virtually anywhere compact or densely spaced RF interconnections are needed.

The outer shield construction of the SM Series cable consists of a braided layer over a served foil, providing >100 dB of shielding. At 1 GHz the attenuation of the SM402 is 11.6 dB/100 ft., slightly better than the 12.0 dB/100 ft. for typical RG402 semi-rigid 0.141 cable. Minimum inside

bend radius for SM405 is 0.15" allowing an easy fit in tight installation spaces. The operating temperature range is -65/+125 deg. C.

Currently available in two sizes, the SM402 (for use with .141 semi-rigid connectors) and SM405 (for use with .086 semi-rigid connectors), SM Series cable offers a wide variety of options in connector choices.

SM Series cable is stocked and available for immediate delivery on bulk reels. For product information and ordering call **1-800-778-4401** or visit the company's website at www.semflex.com

SPECIFICATIONS

Inside Min. Bend Radius	.15"
Weight (lbs/ft) (SM405)	.015
Impedance (ohms)	50
Capacitance (pf/ft)	29.4
Velocity of Propagation	70%
Shielding Effectiveness (dB)	>100
Operating Temperature	-65° to +125° C
Standards	MIL-C-39012, MIL-STD-348A, MIL-C-17 and other applicable industry specs

The Difference Starts With The Cable

Semflex
a STRATOS company