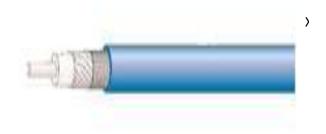


Signity RF Solutions





SUCO FLEX 300 SERIES CABLE (SUCO FLEX 301)

SUCOFLEX 300 Microwave Cable Assemblies offer a lightweight connection solution combined with a low loss. The weight is reduced up to 40% compared to conventional low loss cables assemblies. These features make it ideal for aerospace and spaceflight applications.

	Cons	struction
Centre Conductor	Lightweig	ht wire with silver plated conductive surface
Dielectric		Low density PTFE
1st Shield	Helical wrapped silver plated tape	
2nd Shield	Silver plated round wire braid	
Jacket	Solid extruded ETFE	
Electrical Characteristics		
Frequency range		DC 18 GHz
Impedance		50 Ω
Capacitance		86.4 pF/m
Relative signal propagation		77.0 %
Signal delay		4.3 ns/m
Phase stability		1500 ppm
Minimum screening effectiveness up to 18 GHz		> 90 dB
Mechanical & Environmental Specification		
Weight		23.9 g/m
Diameter		3.5 mm
Min. bending radius (Static)		15 mm
Min. bending radius (Repeated)		20 mm
Temperature range		−55 ~ +125 °C