

SFEF Rock SStable® Spiral Flex Coaxial Cable



Construction:

Center conductor: Solid silver plated copper weld
 Dielectric: Solid PTFE
 Inner shield: Spiral strip of silver plated copper
 Outer braid: Round silver plated copper
 Jacket: Solid blue FEP
 Operating temperature: -55 +200° C
 Velocity of Propagation: 70%
 Shielding Effectiveness: >110 dB

Product Portfolio:

Products	Outer Diameter mm (in)	VOP (%)	Max Frequency (GHz)	Insertion loss (18GHz/m @)	Weight (gram/m)	Minimum Bend radius (mm/inch)
SS402	4.14 (0.163")	70	34	2.10	47	20/0.8"
SS405	2.64 (0.104")	70	63	3.45	20	16/0.625"

SS coaxial cables are flexible alternatives to semi-rigid coax, and the unique shielding configuration offers a cost effective, low attenuation option. The use of strip/round braid composite shields results in low transfer impedance levels. The 50 ohm constructions exhibit the same attenuation characteristics as the M17/130-RG402 and M17/133-RG405 cables. All SS cables have VSWR characteristics that meet or exceed similar size flexible constructions. SS402 and SS405 have been designed with diameters over the outer braids of .141" and .086" respectively, so standard SMA connectors may be used.

An overall FEP jacket is resistant to oil and chemicals. The cable is either unmarked or surface printed eliminating a marker tape that may cause problems in termination. Without the marker tape, an improved level of adhesion exists between the braided core and the jacket that allows ease of termination with short length assemblies

SFEF Loss data

