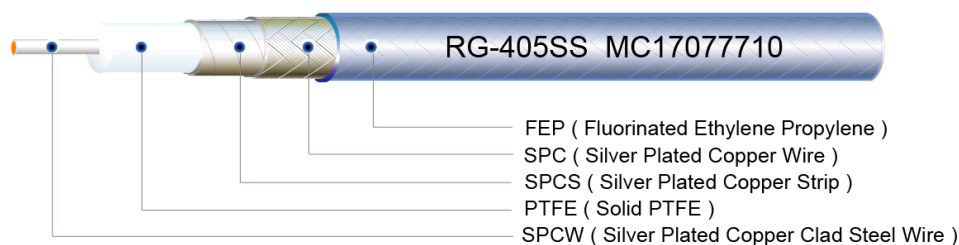


RG-405SS**Spiral Strip Shield Microwave Cable**

Equivalent with SS405, Multiflex_86, Semflex SM 405, Tflex-405, Multibend 405

**Construction**

| Item | Material | Diameter | Remark |
|------------------|----------|-------------------------|------------|
| Center Conductor | SPCW | 0.51 mm (0.0201 inch) | Solid |
| Dielectric | PTFE | 1.63 mm (0.064 inch) | Solid |
| Inner Shield | SPCS | 1.80 mm (0.071 inch) | Wrapping |
| Outer Shield | SPC | 2.18 mm (0.086 inch) | Braid |
| Jacket | FEP | 2.64 mm (0.104 inch) | Blue Color |

Electrical & Mechanical Data

| | |
|--------------------------|---------------------|
| Characteristic Impedance | 50 Ω |
| Operating Frequency | 20 GHz (Max.) |
| Velocity of Propagation | 70 % |
| Capacitance | 96 pF/m |
| Operating Temperature | - 55°C ~ 200°C |
| Shield Effectiveness | > -100 dB |
| Working Voltage | 1,500 Vrms (Max.) |
| Weight | 19.1 kg / km |
| Min. Bending Radius | 6 mm (Single) |

Attenuation

| Frequency (GHz) | Max. Attenuation | |
|--------------------|------------------|---------|
| | (dB/m) | (dB/ft) |
| 1 | 0.75 | 0.229 |
| 3 | 1.29 | 0.393 |
| 5 | 1.71 | 0.521 |
| 10 | 2.56 | 0.780 |
| 15 | 3.22 | 0.981 |
| 18 | 3.57 | 1.088 |
| 20 | 3.80 | 1.158 |