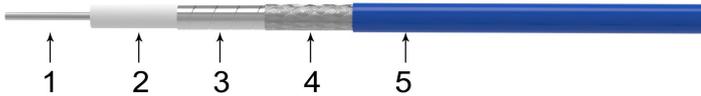


### Features & Benefits

- Superior alternative to semi-flexible cable
- Alternative to Times TFLEX-402,H+S's Multiflex 141
- Highly competitive pricing
- Operating to 26.5 GHz

### Cable Construction



No.	Construction	Size (mm)	Materials
1	Center Conductor	0.91	Silver plated copper
2	Dielectric	3.00	Solid PTFE
3	Outer Conductor	3.20	Silver plated copper tape wrap
4	Outer Shield	3.60	Silver plated copper wire braid
5	Jacket	4.00	FEP



### Electrical

Frequency	DC-26.5 GHz
Impedance	50 Ω
Velocity of Propagation	70%
Shielding Effectiveness	>90 dB
Withstanding Voltage	1000 V

### Mechanical & Environmental

Min. Bending Radius Static	20mm
Min. Bending Radius Repeated	40mm
Weight	49g/m
Temperature(Operation)	-55~125 °C
Temperature(Storage)	-65~125 °C

### Attenuation(Typical@25°C&VSWR=1.0) & Power(VSWR=1.0; 40°C; Sea level)

Frequency MHz	300	1500	2000	4000	6000	8000	10000	12000	14000	16000	18000	26500
dB/100 Meter	19.9	47.8	56.3	84.2	107.5	128.3	147.6	165.8	183.2	199.9	216.1	280.5
Avg. Power kW	0.512	0.213	0.181	0.121	0.095	0.080	0.069	0.062	0.056	0.051	0.047	0.036

Attenuation at any frequency = [1.082400 × SQRT(FMHz)] + [0.003937 × FMHz]

### Available connectors

Cable P/N	Connectors	Gender	Orientation	Mounting	Max Freq.(GHz)	VSWR Max
SP400	SMA	Male	Straight	Standard	26.5	1.25
SP400	SMA	Female	Straight	Standard	26.5(18)	1.35(1.25)
SP400	SMA(brass)	Male	Straight	Standard	18	1.25
SP400	SMA	Male	Right angle	Standard	18	1.3
SP400	N	M/F	Straight	Standard	18	1.3
SP400	N	Male	Right angle	Standard	18	1.35

PS400 comes in both direct solder and clamp type connectors  
Other connectors available upon request.