

TK141

Low Loss Phase Stable Semi-Rigid Cable Assembly DC~26.5GHz



Features

- Low VSWR
- Frequency ranges from DC to 26.5GHz
- Easy Installation (hand formable)
- Fits into the small systems

Applications

- Test & measurement instrumentation
- Medical Electronics
- Telecommunications
- Oscillators
- Amplifiers

Specifications

Electrical

Operating Frequency	DC~26.5GHz
Cutoff Frequency	38GHz
Impedance	50Ω
Velocity of Propagation	81%
Screening Effectiveness	165dB min
Voltage Rating	1000V, DC

Environmental & Mechanical

Operating Temperature	-55°C~+250°C
Min Bending Radius/Single	13.5mm
Weight	45g/m

Attenuation@25°C & Power@40°C(sea level)

Frequency(GHz)	1	2	3	6	8	10	12.4	18	26.5
Attenuation(dB/100m)	30.8	43.9	54	77.1	89.5	100.5	112.5	136.9	168.1
Power Handling(W)	1121	788	641	448	386	344	307	253	206

Construction

Inner Conductor	Solid Silver-plated Copper	1.05mm
Dielectric	Low Density PTFE	3.00mm
Outer Conductor	Ternary Alloy Plated Seamless Copper Tube	3.58mm

Outline



Ordering Information

TK141 - 26.5 - SSF - 1

Cable Code

Operating Frequency(GHz)

RF Connectors(S:SMA)

SS: SMA male to SMA male

SSF: SMA male to SMA female

SFSF: SMA female to SMA female

Overall Length(meter(s))

For other connector options, contact factory.