TT220A

Armored High Precision Phase Stable Test Cable Assembly DC~67GHz

TITAN MICROWAVE INC.



Features

- Low Loss
- Low VSWR
- Phase Stable
- Armored
- Operating Frequency Range DC~67GHz

Applications

- Research & Development Labs
- Bench VNA's and Analyzers
- High Volume Protection Test
- RF Module Testing

Specifications

Electrical

Operating Frequency DC~67GHz **Cutoff Frequency** 82GHz 50Ω **Impedance Velocity of Propagation** 81% **Screening Effectiveness** 90dB min **Voltage Rating** 500V, DC Phase Stability typ. $\pm 7^{\circ}$ Amplitude Stability typ. ±0.05dB **VSWR** ≤1.3@67GHz Flex Life 100000

Environmental & Mechanical

Operating Temperature -55°C~+165°C
Min Bending Radius/Single 24 mm
Min Bending Radius/Repeated 48 mm
Weight 52g/m

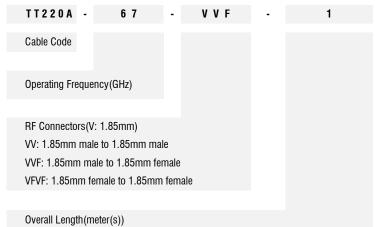
Attenuation@25℃ & Power@40℃(sea level)

Frequency(GHz)	1	2	3	6	8	10	12.4	18	26.5	40	67
Attenuation(dB/100m)	63.7	90.8	111.9	160.4	186.5	209.8	235.2	287.1	354	444	593.2
Power Handling(W)	97	68	55	39	33	29	26	22	17	14	10

Construction

Inner Conductor	Solid Silver-plated Copper	0.50 mm
Dielectric	Low Density PTFE	1.38 mm
Inner Shield	Silver-plated Copper Tape	1.54 mm
Interlayer Shield	Low Density PTFE	1.82 mm
Outer Shield	Silver-plated Copper Braid	2.17 mm
Inner Jacket	FEP	2.45 mm
Crush Protection Layer	Silver-plated Copper Braid	3.60 mm
Rraided Outer Jacket	PTFE	4.80 mm

Ordering Information



For other connector options, contact factory.

Outline

