

TE250

Economical Simi-Rigid Cable Assembly DC~18GHz



Features

- Low VSWR
- Frequency ranges from DC to 18GHz
- Easy Installation (hand formable)
- Fits into the small systems

Applications

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

Specifications

Electrical

Operating Frequency	DC~18GHz
Cutoff Frequency	24GHz
Impedance	50Ω
Velocity of Propagation	70%
Screening Effectiveness	165dB min
Voltage Rating	500V, DC
Capacitance	100pF/m
Time Delay	4.7ns/m

Environmental & Mechanical

Operating Temperature	-55°C~+125°C
Min Bending Radius/Single	32mm
Weight	146g/m

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

Frequency(GHz)	1	2	3	6	8	10	12.4	18
Attenuation(dB/100m)	22.5	34.1	44	69.1	84	98.1	114.2	149.7
Power Handling(W)	1455	959	745	474	390	334	287	219

Construction

Inner Conductor	Solid Silver-plated Copper	1.63mm
Dielectric	Low Density PTFE	5.28mm
Outer Conductor	Ternary Alloy Plated Seamless Copper Tube	6.35mm

Outline



Ordering Information

TE250 - 18 - NNF - 1

Cable Code

Operating Frequency(GHz)

RF Connectors(N:type-N)

NN: N male to N male

NNF: N male to N female

NFNF: N female to N female

Overall Length(meter(s))

For other connector options, contact factory.