

# TA1200

## Low Loss Phase Stable Cable Assembly DC~8GHz



### Features

- Low Loss
- High Phase Stability
- Excellent Performance
- Well Durability
- Suitable for All Kinds of Harsh Environment

### Applications

- Laboratory
- Wireless Communications
- Phased Array Radar
- Avionics

### Specifications

#### Electrical

Operating Frequency	DC~8GHz
Cutoff Frequency	11GHz
Impedance	50Ω
Velocity of Propagation	83%
Screening Effectiveness	90dB min
PIM	-155dBc
Voltage Rating	3000V, DC
Phase Stability	<750ppm@-55°C~+85°C

#### Environmental & Mechanical

Operating Temperature	-55°C~+165°C
Min Bending Radius/Single	60.00 mm
Min Bending Radius/Repeated	120.00 mm
Weight	282g/m

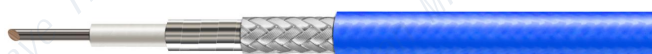
#### Attenuation@25°C & Power@40°C(sea level)

Frequency(GHz)	1	2	3	4	5	6	7	8
Attenuation(dB/100m)	10	14.4	18	21	23.8	26.3	28.7	31
Power Handling(W)	4447	3076	2470	2110	1865	1685	1544	1430

#### Construction

Inner Conductor	Solid Silver-plated Copper	3.80mm
Dielectric	Low Density PTFE	10.30mm
Inner Shield	Silver-plated Copper Tape	10.90mm
Outer Shield	Silver-plated Copper Braid	11.35mm
Jacket	FEP	12.00mm

#### Outline



### Ordering Information

TA1200	-	8	-	NFNF	-	1
Cable						
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))						