

TB1200

High Power Low Loss Cable Assembly DC~10GHz



Features

- Frequency Range DC~10GHz
- Low PIM
- Low Loss
- High Power

Applications

- Radar
- Wireless Communications
- Interconnection
- Avionics

Specifications

Electrical

Operating Frequency	DC~10GHz
Cutoff Frequency	11GHz
Impedance	50Ω
Velocity of Propagation	76%
Screening Effectiveness	90dB min
PIM	-155dBc
Voltage Rating	3000V, DC

Environmental & Mechanical

Operating Temperature	-55°C~+200°C
Min Bending Radius/Single	60.00 mm
Min Bending Radius/Repeated	120.00 mm
Weight	300g/m

Attenuation & Power

Frequency(GHz)	1	2	3	4	6	7	8	10
Attenuation(dB/100m)	13	18.7	23.3	27.2	33.9	37	398	45.2
Power Handling(W)	3323	2306	1856	1588	1271	1167	1083	955

Construction

Inner Conductor	Solid Silver-plated Copper	3.50mm
Dielectric	Low Density PTFE	9.90mm
Inner Shield	Silver-plated Copper Tape	10.17mm
Interlayer Shield	Aluminum Foil	10.30mm
Outer Shield	Silver-plated Copper Braid	11.02mm
Jacket	Blue FEP	12.00mm

Outline



Ordering Information

TB1200	-	10	-	NNF	-	1
Cable Code						
Operating Frequency(GHz)						
RF Connectors(N: N-Type)						
NN: N male to N male						
NNF: N male to N female						
NFNF: N female to N female						
Overall Length(meter(s))						