

CA-PS1200

LOW PIM FLEXIBLE CABLE ASSEMBLY, PS1200, DC~8GHz

FEATURES:

- Frequency DC~8GHz
- Low PIM
- Low Loss
- High Power

APPLICATIONS

- Radar
- Wireless Communications
- Interconnection
- Avionics

ELECTRICAL SPECIFICATIONS:

OPERATING FREQUENCY	DC~8GHz
MAX OPERATING FREQUENCY	11GHz
IMPEDANCE	50 Ω
VELOCITY OF PROPAGATION	76%
SCREENING EFFECTIVENESS	100dB min
VOLTAGE RATING	3000V, DC
PIM	-155dBc

ORDERING INFORMATION:

	CA - PS1200 - 8 - NFNM - 0.5
CABLE ASSEMBLY	
CABLE TYPE	
STOP FREQUENCY(GHz)	
RF CONNECTORS	
(NFNM :N female - N male)	
N-type:N	
OVERALL LENGTH (m)	



PERFORMANCES BY FREQUENCIES(25℃ / Sea Level)

FREQUENCY	GHz	0.1	0.3	0.5	1	3	4	6	8	-	-
ATTENUATION, MAX	dB/100m	4	7	9.1	13	23.3	27.2	33.9	39.8	-	-
INPUT POWER(CW), MAX	Watts	8450	4830	3713	2590	1447	1238	991	844	-	-

ENVIROMENTAL SPECIFICATIONS:

OPERATING TEMPERATURE	-55 ℃ ~ +200 ℃
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MECHANICAL SPECIFICATIONS

MIN BENDING RADIUS/SINGLE	60.00mm
MIN BENDING RADIUS/REPEATED	120.00mm
WEIGHT	310g/m

CONSTRUCTION SPECIFICATIONS:

INNER CONDUCTOR①	Solid Silver-plated Copper	3.50mm
DIELECTRIC②	Low Density PTFE	9.90mm
INNER SHIELD③	Silver-plated Copper Tape	10.17mm
INTERLAYER SHIELD④	Aluminum Foil	10.30mm
OUTER SHIELD⑤	Silver-plated Copper Braid	11.02mm
JACKET⑥	FEP - Blue	12.00mm

MECHANICAL OUTLINE(mm):

