

CA-PT400

PSATEK HAND-FLEX CABLE ASSEMBLY, PT400, DC~26.5GHz

FEATURES:

- Applicable in Frequencies up to 26.5GHz
- Handformable
- Alternative to Semi-rigid and Semi-flex cables
- Low VSWR

APPLICATIONS

- Radar Systems
- Point-to-point interconnections between RF modules

ELECTRICAL SPECIFICATIONS:

OPERATING FREQUENCY	DC~26.5GHz
MAX OPERATING FREQUENCY	34GHz
IMPEDANCE	50Ω
VELOCITY OF PROPAGATION	70%
SCREENING EFFECTIVENESS	90dB min.
VOLTAGE RATING	1500V, DC

ORDERING INFORMATION:

	CA - PT400 - 18 - SMNM - 0.5
CABLE ASSEMBLY	
PSATEK HAND-FLEX PT400	
STOP FREQUENCY(GHz)	
RF CONNECTORS	
(SMNM :SMA male - N male)	
OVERALL LENGTH (m)	



PERFORMANCES BY FREQUENCIES(25 °C / Sea Level)

FREQUENCY	GHz	0.3	0.5	1	3	6	10	12.4	18	26.5
ATTENUATION, MAX	dB/100m	19.9	26.2	38.2	71.1	107.5	147.6	169.4	216.1	280.6
INPUT POWER(CW), MAX	Watts	512	390	267	144	95	69	60	47	36

ENVIROMENTAL & MECHANICAL SPECIFICATIONS:

OPERATING TEMPERATURE	-55 °C ~ +125 °C
SINGLE BEND RADIUS	20mm
REPEATED BEND RADIUS	40mm
WEIGHT	49g/m

CONSTRUCTION SPECIFICATIONS:

INNER CONDUCTOR①	Silver-plated Copper	0.91mm
DIELECTRIC②	PTFE	3.00mm
INNER SHIELD③	Silver-plated Copper Tape	3.20mm
OUTER SHIELD④	Silver-plated Copper Braid	3.55mm
JACKET⑤	Blue FEP	4.00mm

MECHANICAL OUTLINE(mm):

