

CA-PA200

PSATEK LOW LOSS&PHASE STABLE CABLE ASSEMBLY, PA200, DC~26.5GHz

PSATEK

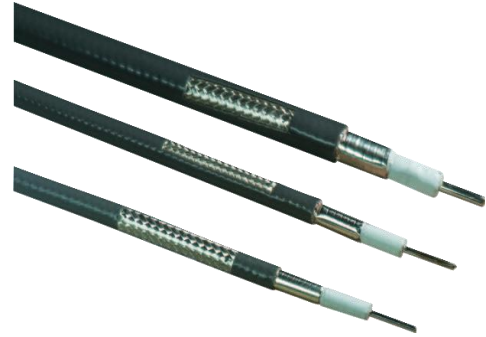
Specializing in RF & Microwave Components

FEATURES:

- High Phase Stability
- Low Loss
- Low PIM
- Light Weight

APPLICATIONS

- Laboratory
- RF Test & Measurements
- Communication Systems
- Avionics



ELECTRICAL SPECIFICATIONS:

OPERATING FREQUENCY	DC~26.5GHz
MAX OPERATING FREQUENCY	29GHz
IMPEDANCE	50 Ω
VELOCITY OF PROPAGATION	82%
SCREENING EFFECTIVENESS	90dB min
VOLTAGE RATING	1500V, DC
PASSIVE INTERMOD	-155dBc
PHASE STABILITY	750PPM@-55°C~+85°C max

ORDERING INFORMATION:

CABLE ASSEMBLY	CA - PA200 - 26 - 9F9M - 0.5
CABLE TYPE	
STOP FREQUENCY(GHz)	
RF CONNECTORS	
<i>(9F9M :2.92mm female - 2.92mm male)</i>	
<i>2.92mm:9 - 3.5mm:5 - SMA:S - N-type:N</i>	
OVERALL LENGTH (m)	

PERFORMANCES BY FREQUENCIES(25°C / Sea Level)

FREQUENCY	GHz	0.1	0.3	0.5	1	3	6	10	12.4	18	26.5
ATTENUATION, MAX	dB/100m	7.3	12.7	16.5	23.4	41	58.5	76.3	85.4	103.8	127.5
INPUT POWER(CW), MAX	Watts	2934	1688	1305	919	525	368	282	252	207	169

ENVIROMENTAL SPECIFICATIONS:

OPERATING TEMPERATURE	-55°C ~ +165 °C
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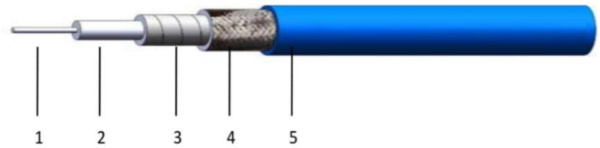
MECHANICAL SPECIFICATIONS

MIN BENDING RADIUS/SINGLE	25.5mm
MIN BENDING RADIUS/REPEATED	51mm
WEIGHT	67g/m

CONSTRUCTION SPECIFICATIONS:

INNER CONDUCTOR①	Silver-plated Copper	1.45mm
DIELECTRIC②	PTFE	3.99mm
FIRST SHIELD③	Silver-plated Copper Tape	4.19mm
SECOND SHIELD④	Silver-plated Copper Braid	4.50mm
JACKET⑤	FEP	5.10mm

MECHANICAL OUTLINE(mm):



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