

# CA-PA330

PSATEK LOW LOSS&PHASE STABLE CABLE ASSEMBLY, PA330, DC~18GHz

# 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~18GHz
MAX OPERATING FREQUENCY	18GHz
IMPEDANCE	50 Ω
VELOCITY OF PROPAGATION	83%
SCREENING EFFECTIVENESS	90dB min
VOLTAGE RATING	2500V, DC
PASSIVE INTERMOD	-155dBc
PHASE STABILITY	750PPM@-55℃~+85℃ max

## ORDERING INFORMATION:

CABLE ASSEMBLY	CA - PA330	-	18	-	SFSM - 0.5
CABLE TYPE					
STOP FREQUENCY(GHz)					
RF CONNECTORS					
<i>(SFSM :SMA female - SMA male)</i>					
<i>SMA:S - N-type:N</i>					
OVERALL LENGTH (m)					

## PERFORMANCES BY FREQUENCIES(25℃ / Sea Level)

FREQUENCY	GHz	1	2	4	6	8	10	12.4	16	18
ATTENUATION, MAX	dB/100m	13.3	18.9	27.1	33.6	39.1	44.1	49.5	56.9	60.6
INPUT POWER(CW), MAX	Watts	1894	1326	925	747	641	569	507	442	414

## ENVIROMENTAL SPECIFICATIONS:

OPERATING TEMPERATURE	-55℃~+165℃
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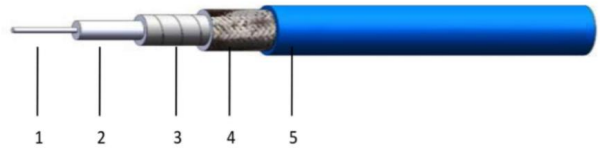
## MECHANICAL SPECIFICATIONS

MIN BENDING RADIUS/SINGLE	41mm
MIN BENDING RADIUS/REPEATED	83mm
WEIGHT	162g/m

## CONSTRUCTION SPECIFICATIONS:

INNER CONDUCTOR①	Silver-plated Copper	2.44mm
DIELECTRIC②	PTFE	6.50mm
FIRST SHIELD③	Silver-plated Copper Tape	6.90mm
SECOND SHIELD④	Silver-plated Copper Braid	7.65mm
JACKET⑤	FEP	8.30mm.

## MECHANICAL OUTLINE(mm):



## PSATEK INC.

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