

CA-PA190

PSATEK LOW LOSS&PHASE STABLE CABLE ASSEMBLY, PA190, DC~26.5GHz

PSATEK

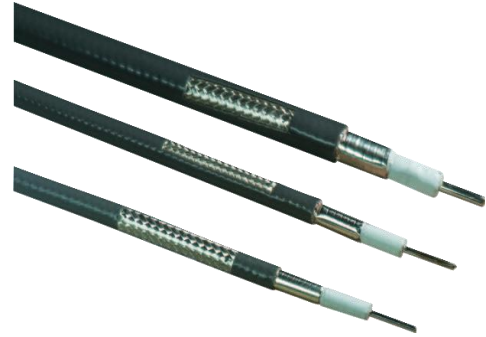
Specializing in RF & Microwave Components

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	31GHz
IMPEDANCE	50 Ω
VELOCITY OF PROPAGATION	82%
SCREENING EFFECTIVENESS	90dB min
VOLTAGE RATING	1500V, DC
PASSIVE INTERMOD	-155dBc
PHASE STABILITY	750PPM@-55℃~+85℃ max

ORDERING INFORMATION:

CABLE ASSEMBLY	CA - PA190 - 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℃ / Sea Level)

FREQUENCY	GHz	0.1	0.3	0.5	1	3	6	10	12.4	18	26.5
ATTENUATION, MAX	dB/100m	7.5	13.1	16.9	24.1	42.1	60.1	78.3	87.6	106.6	130.8
INPUT POWER(CW), MAX	Watts	2934	1689	1305	919	525	368	282	252	207	169

ENVIROMENTAL SPECIFICATIONS:

OPERATING TEMPERATURE	-55℃~+165℃
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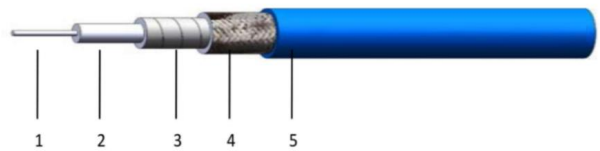
MECHANICAL SPECIFICATIONS

MIN BENDING RADIUS/SINGLE	24mm
MIN BENDING RADIUS/REPEATED	48mm
WEIGHT	62g/m

CONSTRUCTION SPECIFICATIONS:

INNER CONDUCTOR①	Silver-plated Copper	1.40mm
DIELECTRIC②	PTFE	3.75mm
FIRST SHIELD③	Silver-plated Copper Tape	3.95mm
SECOND SHIELD④	Silver-plated Copper Braid	4.35mm
JACKET⑤	FEP	4.80mm

MECHANICAL OUTLINE(mm):



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