

CA-PSR086

PSATEK SEMI-RIGID CABLE ASSEMBLY, PSR086, DC~40GHz

FEATURES:

- Applicable in Frequencies up to 40GHz
- Formstable
- Low PIM
- Low VSWR

APPLICATIONS

- Laboratory
- RF Test & Measurements
- Communication Systems



ELECTRICAL SPECIFICATIONS:

OPERATING FREQUENCY	DC~40GHz
MAX OPERATING FREQUENCY	64GHz
IMPEDANCE	50±2.0 Ω
CAPACITANCE	100pF/m
VELOCITY OF PROPAGATION	70%
SCREENING EFFECTIVENESS	100dB min
VOLTAGE RATING	100V, DC
TIME DELAY	4.7nS/m

ORDERING INFORMATION:

	CA - PSR086 - 40 - KMKM - 0.5
CABLE ASSEMBLY	
PSATEK SEMI-RIGID 086	
STOP FREQUENCY(GHz)	
RF CONNECTORS	
(KMKM :2.92mm male - 2.92mm 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	40
ATTENUATION, MAX	dB/100m	35	45.5	64.9	115.2	166.6	219.9	247.6	304.9	379.9	482.7
INPUT POWER(CW), MAX	Watts	475	366	256	144	100	76	67	55	44	34

ENVIROMENTAL SPECIFICATIONS:

OPERATING TEMPERATURE	-55°C ~ +125 °C
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MECHANICAL OUTLINE(mm):



CONSTRUCTION SPECIFICATIONS:

INNER CONDUCTOR①	Silver-plated Copper	0.52±0.02 mm
DIELECTRIC②	PTFE	1.68±0.05 mm
OUTER CONDUCTOR③	Ternary alloy plated seamless annealed bare copper tube	2.20±0.10 mm