

CA-PSR020

PSATEK SEMI-RIGID CABLE ASSEMBLY, PSR020, 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	110GHz
IMPEDANCE	50 Ω
VELOCITY OF PROPAGATION	70%
SCREENING EFFECTIVENESS	165dB
VOLTAGE RATING	100V, DC

ORDERING INFORMATION:

	CA - PSR020	-	40	-	KMKM	-	0.5
CABLE ASSEMBLY							
PSATEK SEMI-RIGID 020							
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/m	1.3	1.7	2.4	4.2	6	7.8	8.7	10.6	13	16.2
INPUT POWER(CW), MAX	Watts	99	78	54	32	23	17	15	12	10	8

ENVIROMENTAL SPECIFICATIONS:

OPERATING TEMPERATURE	-55 °C ~ +125 °C
-----------------------	------------------

MECHANICAL OUTLINE(mm):



CONSTRUCTION SPECIFICATIONS:

INNER CONDUCTOR①	Silver-plated Copper	0.127 mm
DIELECTRIC②	PTFE	0.432 mm
OUTER CONDUCTOR③	Ternary alloy plated seamless annealed bare copper tube	0.58 mm