

CA-PU500

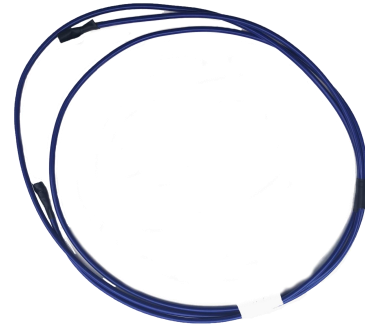
LOW LOSS ULTRA-FLEXIBLE CABLE ASSEMBLY, PU500, DC~26.5GHz

FEATURES:

- Frequency DC~26.5GHz (subject to connector type)
- Ultra Flexible Outer Jacket
- Polyurethane Jacket - Dark Blue
- Cost Effective
- Light Weight

APPLICATIONS

- Laboratory
- RF Test & Measurements
- Interconnection
- Antenna Installs



ELECTRICAL SPECIFICATIONS:

OPERATING FREQUENCY	DC~26.5GHz
MAX OPERATING FREQUENCY	35GHz
IMPEDANCE	50 Ω
VELOCITY OF PROPAGATION	76%
SCREENING EFFECTIVENESS	90dB min
VOLTAGE RATING	1000V, DC

ORDERING INFORMATION:

	CA - PU500 - 26 - SFSM - 0.5
CABLE ASSEMBLY	
CABLE TYPE	
STOP FREQUENCY(GHz)	
RF CONNECTORS	
(SFSM :SMA female - SMA male)	
SMA:S - N-type:N - 3.5mm:5	
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	-
ATTENUATION, MAX	dB/100m	20.4	26.7	38.5	69.8	103.2	139	157.9	198	252.1	-
INPUT POWER(CW), MAX	Watts	280	215	149	82	55	41	36	29	23	-

ENVIROMENTAL SPECIFICATIONS:

OPERATING TEMPERATURE	-55 °C ~ +85 °C
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MECHANICAL SPECIFICATIONS

MIN BENDING RADIUS/SINGLE	20.0mm
MIN BENDING RADIUS/REPEATED	50.0mm
WEIGHT	50g/m

CONSTRUCTION SPECIFICATIONS:

INNER CONDUCTOR①	Stranded Silver-plated Copper	1.02mm
DIELECTRIC②	Low Density PTFE	3.07mm
FIRST SHIELD③	Silver-plated Copper Tape	3.27mm
SECOND SHIELD④	Silver-plated Copper Braid	3.78mm
JACKET⑤	PUR - Dark Blue	5.00mm

MECHANICAL OUTLINE(mm):

