

CA-PU360

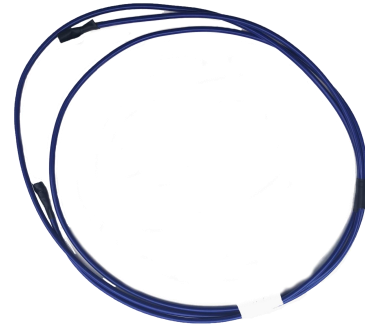
LOW LOSS ULTRA-FLEXIBLE CABLE ASSEMBLY, PU360, DC~40GHz

FEATURES:

- Frequency DC~40GHz (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~40GHz
MAX OPERATING FREQUENCY	51GHz
IMPEDANCE	50 Ω
VELOCITY OF PROPAGATION	76%
SCREENING EFFECTIVENESS	90dB min
VOLTAGE RATING	500V, DC

ORDERING INFORMATION:

	CA - PU360 - 40 - 9F9M - 0.5
CABLE ASSEMBLY	
CABLE TYPE	
STOP FREQUENCY(GHz)	
RF CONNECTORS	
(9F9M :2.92mm female - 2.92mm male)	
SMA:S - N-type:N - 2.92mm:9 - 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	40
ATTENUATION, MAX	dB/100m	28	36.3	51.9	92.1	133.4	176.4	198.7	244.9	305.5	388.8
INPUT POWER(CW), MAX	Watts	220	169	119	67	46	35	31	25	20	16

ENVIROMENTAL SPECIFICATIONS:

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

MIN BENDING RADIUS/SINGLE	14.4mm
MIN BENDING RADIUS/REPEATED	36.0mm
WEIGHT	30g/m

CONSTRUCTION SPECIFICATIONS:

INNER CONDUCTOR①	Stranded Silver-plated Copper	0.72mm
DIELECTRIC②	Low Density PTFE	2.10mm
FIRST SHIELD③	Silver-plated Copper Tape	2.26mm
SECOND SHIELD④	Silver-plated Copper Braid	2.71mm
JACKET⑤	PUR - Dark Blue	3.60mm

MECHANICAL OUTLINE(mm):

