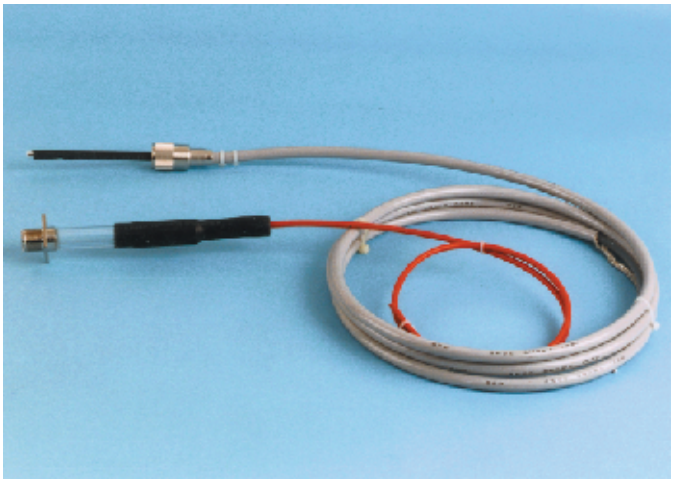
Connector and Cable

CN Series

1003-05P-1



FEATURES

CN series is collection of high voltage connectors used for Matsusada products. They are highly reliable and easy connecting. With these high voltage connectors connecting power supplies to load shall be more easy, safe and reliable General HV connectors are also available.

LINEUP / SPECIFICATIONS

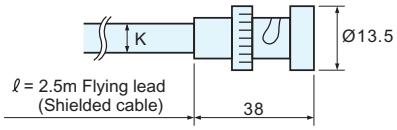
Max Voltage rating	Max Current rating	MODEL □…{P : Plug, PP: Double plug, R : Receptacle}	Applicable power supply model	Dimensions(mm) A	B	C	D	E	F	G	H	I	J	Output cable K	Output cable Equiv. AWG	Drawing
5kV	0.1A	CN-BNC-HVP	ASX, ES series											Ø5.00	20	a
5kV	0.1A	CN-BNC-HVPP	ASX, ES series											Ø5.00	20	b
5kV	0.1A	CN-BNC-HVPSP	ASX, ES series											Ø5.00	20	c
5kV	0.1A	CN-SHV-HVP	ES series LSh Models											Ø5.00	20	d
15kV	1.6A	CN-15-MHV□	AU, AE, AF series 1 to 15kV	Ø3.3	18	25	M16	15	160	Ø19	Ø3	Ø8	47	Ø5.00	20	e
15kV	15A	CN-15PR-MHVP	REH series	Ø3.3	25	32.5	M20	15	225	Ø25	10.5	Ø9	90	Ø11	14	f
30kV	1.2A	CN-30-MHV□	AU, AE, AF series 20 to 30kV	Ø3.3	18	25	M16	15	400	Ø19	Ø3	Ø8	97	Ø6.28	22	g
40kV	0.1A	CN-40-AHV□	Non shielded AMT, AMS, AMP, COR, K12-R											——	20	h
45kV	1.2A	CN-45-MHV□	AU, AE, AF series 40kV	Ø3.3	18	25	M16	15	225	Ø20	Ø6	Ø8	157	Ø10.3	18	i
50kV	5A	CN-50-AHVP□	Non shielded 30kV HV amplifier											——	16	j
60kV	1.2A	CN-60-MHV□	AU, AE, AF series 50 to 60kV	Ø3.3	18	25	M16	15	400	Ø25	Ø8	Ø8	238	Ø10.3	18	k
120kV	1.2A	CN-120-MHVP	AE, AF series 80kV and up									Ø10.5	315	Ø13.8	10	l
120kV	1.2A	CN-120AR-MHVP	AU series 80kV and up									Ø10.5	370	Ø13.8	10	m

* CN-120 has no R type(Receptacle).

DIMENSIONS(mm)

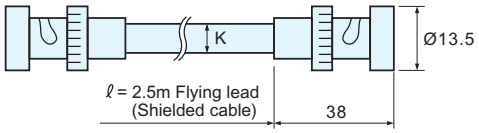
a

CN-BNC-HVP



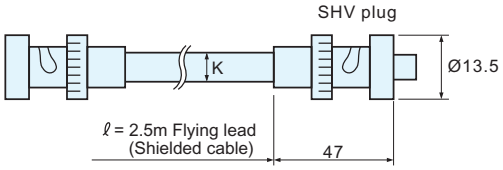
b

CN-BNC-HVPP



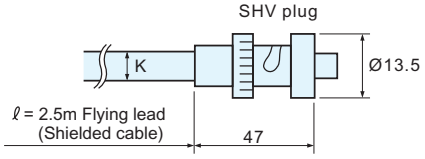
c

CN-BNC-HVPSP



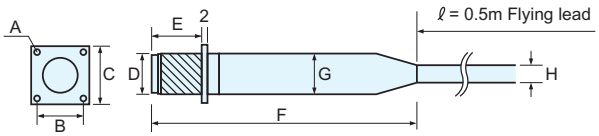
d

CN-SHV-HVP



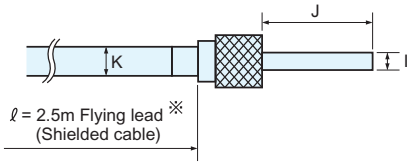
e,g,i,k,l,m

CN-□-MHVR



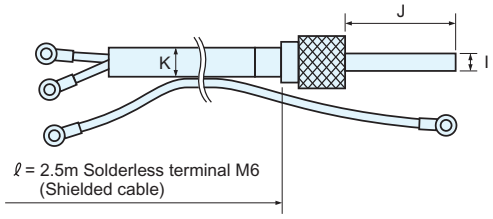
e,g,i,k,l,m

CN-□-MHVP



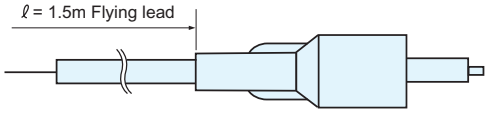
f

CN-15PR-MHVP



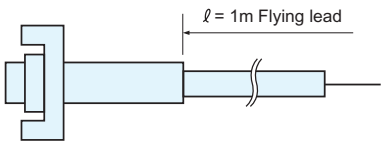
h

CN-40-AHVP



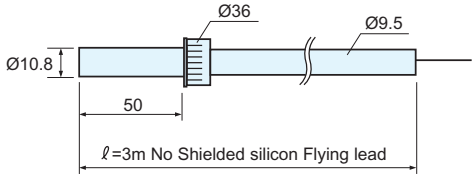
h

CN-40-AHVR



j

CN-50-AHVP



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