

Table of J-Tubes Properties

found on:

https://www.alibaba.com/product-detail/Geiger-Mueller-Tube-geiger-muller-tube_1600478526575.html

Model No.	Max Dia.	Effective Dia	Max Length	Effective Length	Material	Initial Voltage	range of plateau area	Mini Plateau Slope	Recommendation operating voltage	sensitivity of γ (60Co)	sensitivity of γ (60Co) cps/ μ Gy/h	Die time	backg round	Working temperature range	life	Detecting
	(mm)	(mm)	(mm)	mm		(V)	(V)	(%/100V)	(V)	mR/h)	μ Gy/h)	ϵ	μ cpm	($^{\circ}$ C)		
J613 γ	9.5	3.5	66	30	glass	350	100	15	420	5	0.5	15	10	-40 $\sim$ +50	1010	γ
J614 γ	7.5	3.5	55	30	glass	350	100	15	420	5	0.5	15	10	-40 $\sim$ +50	1010	γ
J401 γ	13.5	10	91	50	glass	350	100	15	420	12	1.2	75	10	-40 $\sim$ +50	1010	γ
J622 γ	12	5	130	80	glass	350	100	15	420	12	1.2	20	10	-40 $\sim$ +50	109	γ
J403 γ	23	18	263	190	glass	350	80	10	420	120	12	150	130	-40 $\sim$ +50	109	γ
J301	10.5	10	208	179	glass	$\leq$ 350	380-480	12.5	400	/	/	/	50	-40 $\sim$ +70	1010	β γ
J302	6.4	6	65	46	glass	$\leq$ 350	390V	12.5	390	11	1.1	/	/	-40 $\sim$ 55	150h above	200mR/h $\sim$ 5R/h γ and hard β
J304	10.5	10	90	70	glass	$\leq$ 350	360-440	12.5	380	37	3.7	/	25	-40 $\sim$ 55	109	β γ
J305	10.5	10	107	87	glass	$\leq$ 350	360-440	12.5	380	44	4.4	/	25	-40 $\sim$ 55	109	β γ
M4011	10.5	10	92	72	glass	$\leq$ 350	360-440	12.5	380	40	4	/	25	-40 $\sim$ +50	109	β γ
J306 γ	19	16	200	173	glass	$\leq$ 350	360-440	12.5	400	/	/	150	88	-40 $\sim$ +50	109	β γ
J307	15	12	200	173	glass	$\leq$ 350	380-480	12.5	400	/	/	/	80	-40 $\sim$ +50	109	β γ
J308	19	16	145	118	glass	$\leq$ 350	380-480	12.5	400	/	/	/	50	-40 $\sim$ +50	109	β γ
J5101	40	18	180	110	glass	1200	200	5	1400	/	/	150		-20 $\sim$ +50	108	γ X
J142 $\alpha\beta$	37	16	65	50	metal	450	100	10	550	/	/			-40 $\sim$ +60	1010	α β γ
J707	6	5	18	6.5	metal	330	100	30	400	2.5	0.25	15		-40 $\sim$ +70	1010	γ
J705	6	5	28	10	metal	400	100	15	500	5.5	0.55			-40 $\sim$ +70	1010	β γ
J705P	12	10	43	16	metal	400	100	15	400	11	1.1			-40 $\sim$ +70	1010	β γ
J301 $\beta\gamma$	5	2	45	10	metal	350	100	20	400	0.8	0.08			-40 $\sim$ +70	1010	β γ
J302 $\beta\gamma$	6	5	68	36	metal	350	100	15	400	11	1.1			-40 $\sim$ +70	1010	β γ
J303 $\beta\gamma$	4	1.2	35	3	metal	350	100	20	400	0.12	0.012			-40 $\sim$ +70	1010	β γ
J304 $\beta\gamma$	11	10	95	55	metal	350	100	15	400	37	3.7			-40 $\sim$ +70	1010	β γ
J305 $\beta\gamma$	11	10	112	70	metal	350	100	15	400	44	4.4			-40 $\sim$ +70	1010	β γ
J306 $\beta\gamma$	17	16	200	140	metal	350	100	15	400	50	5			-40 $\sim$ +70	1010	β γ
J308 $\beta\gamma$	19	18	200	140	metal	350	100	10	400	52	5.2			-40 $\sim$ +70	1010	β γ
J4401	23	23	168	120	metal	400	100	10	500	180	18	160	60	-40 $\sim$ +70	1010	γ
J4402	23	23	218	170	metal	400	100	10	500	100	10	160	80	-40 $\sim$ +70	1010	γ
J4403	23	23	268	220	metal	400	100	10	500	115	11.5	160	100	-40 $\sim$ +70	1010	γ
J4405	20	20	168	120	metal	400	100	10	500	75	7.5			-40 $\sim$ +70	1010	γ
J4406	20	20	218	170	metal	400	100	10	500	95	9.5			-40 $\sim$ +70	1010	γ
J4407	20	20	268	220	metal	400	100	10	500	110	11			-40 $\sim$ +70	1010	γ
J502	23	23	180	110	metal	1200	200	5	1400	/	/			-20 $\sim$ +50	108	γ X
J503	23	23	80	40	metal	420	100	8	500	/	/			-40 $\sim$ +70	1010	α β γ X
J505	15	10	52		metal	420	150	10	500	18	1.8	90		-30 $\sim$ +70	1010	α β γ