

LCLS-II 1.3 GHz Material

Description		Quantity	Cost
Half-Cells	265 x 265 x 2.8 mm RRR300 Nb sheet	5520	
Short End Tubes	ID 78 x 105 mm Long RRR300 Nb Tube	300	
Long End Tubes	ID 78 x 140 mm Long RRR300 Nb Tube	300	
MC Tubes	ID 40 x 45 mm Long RRR300 Nb Tube	300	
Connection Tubes	ID 78 x 22 mm Long RRR300 Nb Tube	600	
Field Probe Tubes HOM Antenna	Ø 20 x 1000 mm Long RRR300 Nb Rod	26	
HOM Housings	Ø 45 x 75 mm Long RRR300 Nb	600	
F-parts	360 x 305 x 9 mm RRR300 Nb sheet	22	
Connecting Flanges	OD 135 x ID 75 x 27 mm Long RRR40 Nb	600	
Conical Disks	OD 220 x ID 100 x 5 mm Nb55Ti	600	
Stiffening Rings	1100 x 342 x 2 mm RRR40 Nb sheet	60	
Flanges	Ø 142 x 1000 mm Long Nb55Ti Rod	16	
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Total			
Cost per Cavity			
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Transition Rings Long End	Ø 220 x 10 mm Titanium Gr2	300	
Transition Rings Short End	Ø 245 x 10 mm Titanium Gr2	300	
HOM antennae	Ø 8 x 1000 mm RRR300 Nb rod	28	
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