


Primary Reflector Focal Length = 10210mm
Equation is $Y=X^2/(4*f)$ - (Y axis of paraboloid)

For Hyperboloid, Equation is $X = a^*(\text{SQR}((1+(Y/b)^2)))-a$

$$a = 4062.25\text{mm} - b = 2941.13\text{mm}$$

The axis of Paraboloid is the Transverse axis of Hyperboloid (X)

CONTEE DISEÑO		INAF ISTITUTO NAZIONALE DI ASTRONOMIA RADIOELETTROSCOPIO MERIDIANA Via Fiumicino 55048 - 40060 MONTECASSINO (BO) Tel. 0571 990511 - Fax 0571 990513	
SCOTTISSE BUS. N.		INAF R. F. Geometry (future)	
MATERIALE		DIPLOMA 32 cm	
TRAT. TERM.		MECONIA 32m	
		Primary Reflector Surface	
		R. F. Geometry (future)	
SCALA DIS.		DIMENSIONI SENZA TALLERAME (FORNITI ALLEGATI 1)	
1 : 1		SHIELD NON DUT. SHIM 140" RACCORDI NON DUT. (NO.5)	
QUANTITA'			
		DATA 12-20-2019	
		CONTROLL. G. Zaccatelli	