9/9/8 S-BAND RADIAL RIB REFLECTOR

High-accuracy, low-stowed volume reflector

PARAMETER	SPECIFICATION
Deployed geometry	
Projected diameter	9 m
Focal length	9 m
Center offset	7.8 m
Frequency of operation	S band
Surface accuracy of orbit	
RMS	0.0016 m
Stowed dimensions	
Height	5.65 m
Diameter	0.61 m
Mass	
Reflector	79 kg
Boom	46 kg
Stiffness	
Combined load case	
Melbourne, FL	

- > Accommodates applications from UHF to S band
- > Provides a simple, low-cost structure
- > Folds compactly for launch
- > Is not subject to International Traffic in Arms Regulations controls