

Astro STEM Size and Mass

2012



STEM Antenna Size and Mass

STEM Diameter (in)	0.5	0.86	1.34
Deployer Weight (lbs)	0.76	3.83	8.95
STEM Mass/Unit length (lbs/ft)	0.014	0.068	0.142
STEM and Deployer Mass, 20 ft Boom, With Margin (lbs)	1.14	5.78	13.28



NORTHROP
GRUMMAN

The logo graphic consists of a thick black horizontal line extending from the right side of the word "NORTHROP" to the right edge of the frame. From the right end of this horizontal line, a thick black vertical line descends downwards, ending at the bottom edge of the frame. This graphic element is positioned to the right of the word "NORTHROP" and partially overlaps the word "GRUMMAN".