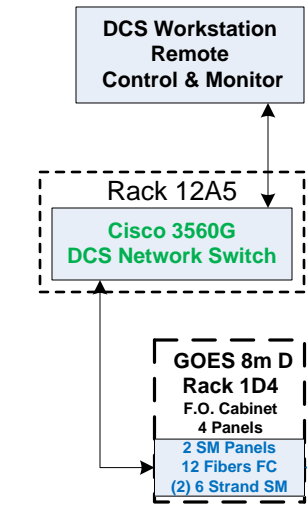


Operations Floor

GOES 8m Shelter

Wallops GOES DCS UHF Antenna System



3.8m Antenna Specifications

RHCP
 Tx Gain ≈ 21.5 dB @ 401 MHz
 Rx Gain ≈ 22.5 dB @ 401 MHz
 3 dB beam width ≈ 3.5°
 LNA gain=25 dB
 Rx input 1dB Compression = -50 dBm

Cables Legend

Network Connections
 Single Mode Fiber Cable
 Inter-rack Cable - Tx
 LMR 400 Cable - Tx
 Heliac LDF4.5-50 5/8" Cable - Tx
 Heliac LDF4-50A 1/2" Cable - Tx/Rx
 LMR 240 Cable - Rx

