

**Multi-Link Holland**  
**Gigaset fly-away 2.40 Mtr**  
**Extended C-Band & Standard Ku band, 400 Watt Hpa's, redundant.**

**Dish**

Gigaset FA-240 Antenna  
Type: Circulair, axially symetric with centre hub plus ten petals  
Diameter 2,4 meter  
Prime focus  
Lineair, orthogonal transmit and receive.  
Cross pol: -35 dB within the -1 Db co-polar contour  
Port to port isolation: 35 dB  
Transmit power: 1,5 Kw Max  
Off Axis Transmit gain: <math>29-25 \log \text{ dBi}</math>  
Tx Gain: C-Band: 42,0 dBi / Ku Band: 49 dBi  
Rx Gain: C-Band: 37,5 dBi / Ku-Band: 47 dBi  
Wind rating: 100 km/u survival / 60 km/u tracking  
Elevation: 0° to 90°  
Azimuth: 360°  
Size: Box 1- 0,95 x 0,95 x 0,6 Meter  
Box 2- 0,95 x 0,95 x 0,6 Meter  
Weight: Box-1 48 Kgs  
Box-2 49 Kgs

**Extra:** Toolbox +/- 15 Kgs

**Equipment: for use in C-Band mode:**

2 x 400 Watt Hpa with L-Band input	[E2V]
Hpa controller with waveguide switch and dummyload	[E2V]
2 x waveguide	
2x MPEG2 encoder/modulator (output on L-Band)	[Scopus]
Other encoders/modulators are available	[Tandberg/Barco]
2 x flex-twist waveguide (C-Band)	
1 x feedarm linear C-Band with C-Band LNB	
1 x MPEG2 receiver	[Scopus]
1 x Spectrum Analyzer	[Marconi]

**Equipment: for use in KU-Band mode:**

2 x 400 Watt Hpa with L-Band input	[E2V]
Hpa controller with waveguide switch and dummyload	[E2V]
2 x waveguide	
2x MPEG2 encoder/modulator (output on L-Band)	[Scopus]
Other encoders/modulators are available	[Tandberg/Barco]
2 x flex-twist waveguide (KU-Band)	
1 x feedarm KU-Band with KU-Band LNB	
1 x MPEG2 receiver	[Scopus]
1 x Analyzer	[Marconi]

Extra equipment not listed, this is case sensitive.