The ND SatCom 2.4m Mobile Station is the Satellite Communications solution of choice whenever a mobile uplink is needed, such as for disaster recovery, crisis management, emergency response or interim/backup uplink.

This mobile station with a 2.4m antenna is self-supporting. It contains both a power generator and air conditioning/heating to function independently of local infrastructure. It also contains climate controlled vibration-cushioned 24RU rack space for electronic equipment and ample accessories space in the non-climate controlled area. Designed on a single-axle trailer, it can be easily transported.

**KEY FEATURES**

- Built for autonomous field operation; self-supporting
- 10 kW power generator
- External power input including isolating transformer
- Air conditioning: 3kW cooling and 2 kW heating capacity
- 24RU climate controlled rack space
- 2.4m antenna capable of multiple frequency bands (C, Ku, DBS and Ka)
TECHNICAL SPECIFICATIONS

Size L x W x H
Container incl. stowed Antenna
Mounted on trailer
Weight
Transport
Enviromental
Temperature
Wind

CHINA
ND SatCom (Beijing) Co. Ltd.
PHONE: +86 10 6590 6869/6878

MIDDLE EAST
ND SatCom FZE
PHONE: +97148865012

RF-SPECIFICATIONS

<table>
<thead>
<tr>
<th>RF-PERFORMANCE</th>
<th>C-BAND</th>
<th>KU-BAND</th>
<th>K-BAND</th>
<th>KA-BAND</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feed type/ Polarisation</td>
<td>2 Port Circular</td>
<td>2 Port Linear</td>
<td>2 Port Linear</td>
<td>2 Port Circular</td>
</tr>
<tr>
<td>Frequency Range TX (GHz)</td>
<td>5.85 – 6.425</td>
<td>13.00 – 14.50</td>
<td>17.30 – 18.40</td>
<td>27.50 – 31.00</td>
</tr>
<tr>
<td>Frequency Range RX (GHz)</td>
<td>3.625 – 4.20</td>
<td>10.70 – 12.75</td>
<td>10.70 – 12.75</td>
<td>17.70 – 21.20</td>
</tr>
<tr>
<td>Antenna Gain TX (dBi)</td>
<td>42.1 @ 6.138</td>
<td>48.5 @ 13.75</td>
<td>50.3 @ 17.85</td>
<td>54.7 @ 29.25</td>
</tr>
<tr>
<td>Antenna Gain RX (dBi)</td>
<td>38.0 @ 4.00</td>
<td>47.1 @ 11.725</td>
<td>47.5 @ 11.725</td>
<td>51.4 @ 18.95</td>
</tr>
<tr>
<td>EIRP (dBW)</td>
<td>69.7</td>
<td>75.3</td>
<td>77.3</td>
<td>78.1</td>
</tr>
<tr>
<td>G/T @ 10° El (dBK)</td>
<td>18.0 @ 4.0</td>
<td>24.5 @ 11.725</td>
<td>26.0 @ 11.725</td>
<td>27.5 @ 18.95</td>
</tr>
</tbody>
</table>

ND SatCom reserves the right to change specifications without notice.