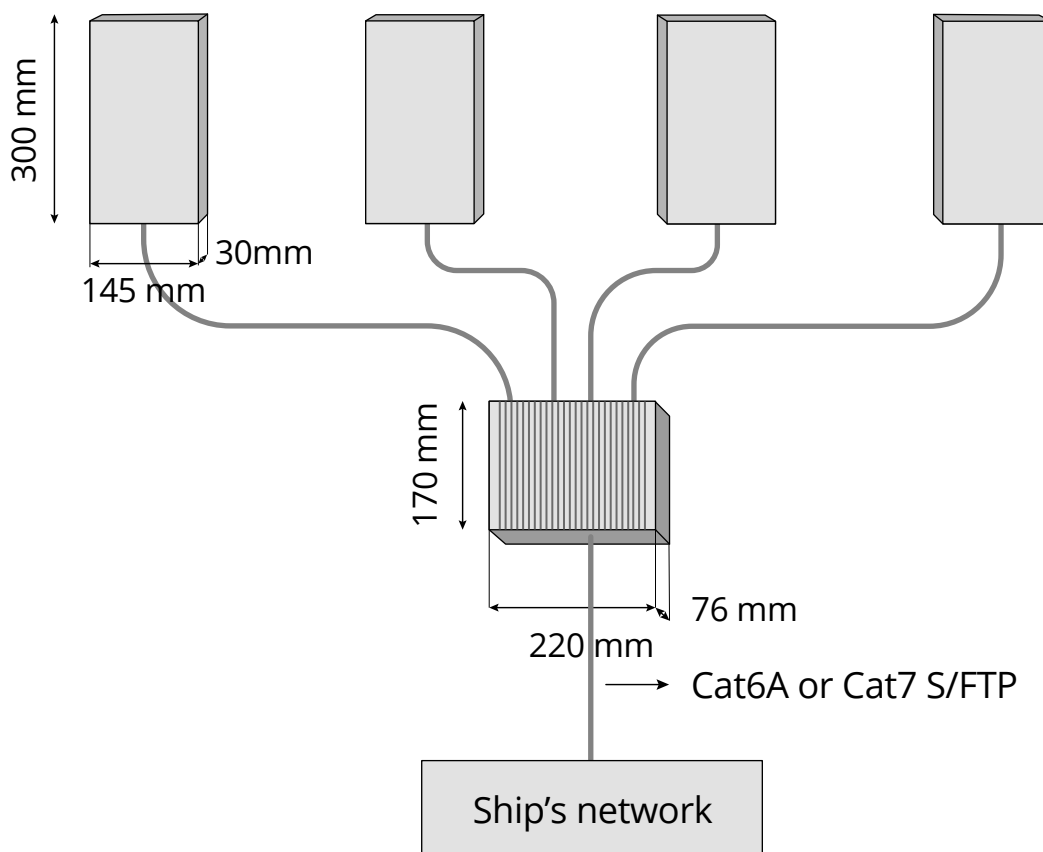


# 4X4X4 DOME Router, Panel Version (Worldwide)

## TECHNICAL SPECIFICATIONS

### Physical environment:

- Panels can be mounted either vertically or horizontally near the dome's base. Thus, they will not interfere with the VSAT dish/ BUC.
- **Control Router** mounted flat in the dome's base.
- **Cabling required:** Ethernet to the ship's firewall: Cat6A or Cat7 S/FTP. Has to be S/FTP (shielded).
- **Power:** AC power 280W. Alternatively, DC 24V/10A.
- **Minimum diameter** of the existing dome for installation of our Panel Version not to interfere with the dish: 130cm.
- **Operating temperature:** -40° to +75°C



**Modems:**

4 x 4G/5G modems (LTE-A-Pro) with 3G fall back (based on Qualcomm Snapdragon X55)  
 (Power Class 2, max. TX power 0.4W)

**MAXIMUM SPEED per modem:**

**Download:** 2.0 Gbit/s per modem, 7xCA, max. Modulation 256QAM  
**Upload:** 211 Mbit/s per modem, 2xCA, max. Modulation 256QAM

**SUPPORTED RF BANDS (Worldwide Coverage)**

Technology	Bands	Diversity Connection
3G	B1, B2, B4, B5, B6, B8, B9, B19	YES
4G LTE-A-PRO	B1-B5, B7, B8, B12-B14, B17-B20, B25, B26, B28-B30, B32, B34, B38-B43, B46, B48, B66, B71	YES (4x4 MIMO)
5G	n1, n2, n3, n5, n7, n8, n12, n20, n25, n28, n38, n40, n41, n48, n66, n71, n77, n78, n79	YES (4x4 MIMO)

## User Interface:

### DASHBOARD:

Modem Status	System Status	System Control
<ul style="list-style-type: none"> <li>• RF indication</li> <li>• Connection status</li> <li>• Distance to Cell</li> <li>• Temperature</li> <li>• Network load</li> <li>• Error indication</li> </ul>	<ul style="list-style-type: none"> <li>• Aggregator status</li> <li>• Network load</li> <li>• Temperature</li> <li>• Performance Test</li> </ul>	<ul style="list-style-type: none"> <li>• Power down</li> <li>• Reboot</li> </ul>

### FURTHER CONTROL:

Modem Control	Reporting	Misc
<ul style="list-style-type: none"> <li>• Data mode</li> <li>• Set offline</li> <li>• Carrier selection</li> <li>• Network Scan</li> <li>• Band selection</li> </ul>	<ul style="list-style-type: none"> <li>• Data usage</li> <li>• RF readings</li> <li>• Network readings</li> <li>• RF and Networks charts</li> </ul>	<ul style="list-style-type: none"> <li>• SIM PIN/PUK</li> <li>• APN control</li> <li>• SMS service</li> <li>• Location Service</li> </ul>