SPECIFICATION SHEET







1. Product Identification

Field	Details
Product Name	**Titan AV 3U Rack Case**
SKU	**FXC-RACK-3U**
GTIN	9359899004738
Warranty	2 Years
Country of Origin	Manufactured in China, QC tested in Australia

2. Dimensions & Weight

Specification	Measurement
External Dimensions (L × W × H)	615 x 575 x 195mm
Internal Dimensions (L × W × H)	515 x 489 x 138mm

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Lid / Base Depth	40 mm
Internal Volume	40.1 L
Weight (Empty)	7.5 kg
Padlock Hole Diameter	N/A

3. Construction & Materials

Component	**Specification**
Shell Material	High-impact Polypropylene (FX-2PP)
Seal	EPDM O-ring watertight closure
Latches	Dual TUFF compression latches
Pressure Valve	N/A
Handle	Rubberised ergonomic carry handle
Hinges	Heavy-duty pinned hinges
Stackable	Yes

4. Environmental Performance

Parameter	**Details**
Temperature Range	−30 °C to +80 °C Meets MIL-STD-810H Method 503.7
Vibration Resistance	Meets MIL-STD-810H Method 514.8
Drop Resistance	Meets MIL-STD-810H Method 516.8
Chemical Resistance	Resistant to oils, solvents, and mild acids (typical of polypropylene materials)

5. Functional Features

- Water-Resistant, dustproof & impact-resistant
- Rack-mounted gear, wireless systems and live rig essentials

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6. Compliance & Labelling

Category	Statement
MIL-STD Testing	Tested to MIL-STD-810H (Methods 503.7, 514.8, 516.8)
Australian Quality Assurance	Each batch QC tested and inspected in Titan AV's Brisbane facility
Environmental Responsibility	Manufactured using materials consistent with international environmental standards – supplier declarations held on file where available

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