



| Parameter           | Value                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------|
| Part Number         | 52432616                                                                                           |
| Model               | A15D12MS-3NX                                                                                       |
| Description         | Outdoor Microwave Antenna, 1200 mm, 15 GHz, UHP-M, Dual Polarization, Direct feed (XMC compatible) |
| Product Category    | Microwave Transmission / Antenna                                                                   |
| Product Type        | Parabolic Reflector Antenna                                                                        |
| Application         | Point-to-Point Microwave Backhaul, Enterprise Links                                                |
| Deployment Type     | Outdoor Pole / Tower Mounting                                                                      |
| Manufacturer Series | XMC-compatible Microwave Antenna                                                                   |

| Parameter                         | Specification                                                                  |
|-----------------------------------|--------------------------------------------------------------------------------|
| Frequency Band                    | 15 GHz                                                                         |
| Antenna Size                      | 1200 mm                                                                        |
| Antenna Type                      | Parabolic, Ultra High Performance Medium (UHP-M)                               |
| Polarization                      | Dual Linear (Horizontal & Vertical)                                            |
| Gain                              | Typical 50–52 dBi (per 15 GHz UHP-M dual polarization antenna)                 |
| Half Power Beamwidth (HPBW)       | Approx. 0.3° – 0.4°                                                            |
| Front-to-Back Ratio               | ≥ 35 dB                                                                        |
| Cross Polarization Discrimination | ≥ 30 dB                                                                        |
| VSWR                              | ≤ 1.5:1                                                                        |
| Connector Type                    | Compatible with XMC series ODU RF interface                                    |
| Antenna Material                  | Weatherproof, corrosion-resistant aluminum alloy                               |
| Mounting Type                     | Pole / Tower with tilt and azimuth adjustment                                  |
| Wind Survival                     | Up to 150 km/h (antenna only)                                                  |
| Operating Temperature             | -40°C to +60°C                                                                 |
| Typical Applications              | Mobile backhaul, Carrier Transmission, Enterprise Connectivity, Backbone Links |