



Parameter	Value
Part Number	52432594
Model	A18D09MS-3NX
Description	Outdoor Microwave Antenna, 900 mm, 18 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	18 GHz
Antenna Size	900 mm
Antenna Type	Parabolic, Ultra High Performance Medium (UHP-M)
Polarization	Dual Linear (Horizontal & Vertical)
Gain	Typical 49–51 dBi (per 18 GHz UHP-M dual polarization antenna)
Half Power Beamwidth (HPBW)	Approx. 0.8° – 0.9°
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