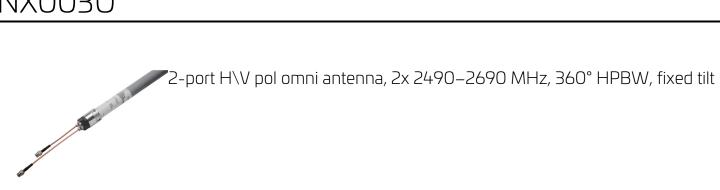
NX003U



OBSOLETE

This product was discontinued on: March 27, 2020

General Specifications

Omni **Antenna Type**

Band Single band

Grounding Type RF connector inner conductor and body grounded to reflector and mounting bracket

Performance Note Outdoor usage

Radome Material Fiberglass, UV resistant

Radiator Material Brass N Female **RF Connector Interface RF Connector Location Bottom**

2 RF Connector Quantity, high band RF Connector Quantity, mid band 0 RF Connector Quantity, low band 0 RF Connector Quantity, total 2

Dimensions

Length 715 mm | 28.15 in Net Weight, without mounting kit 1.1 kg | 2.425 lb **Outer Diameter** 44 mm | 1.732 in

Electrical Specifications

Impedance 50 ohm

COMMSCOPE®

_NX003U

2490 - 2690 MHz **Operating Frequency Band**

Polarization Horizontal | Vertical

Electrical Specifications

Frequency Band, MHz 2490-2690

Gain, dBi 6.5 Beamwidth, Horizontal, 360

degrees

Beamwidth, Vertical, degrees 21.7 Beam Tilt, degrees 0 9 USLS (First Lobe), dB 30

Isolation, Cross Polarization,

VSWR | Return loss, dB 1.5 | 14.0 PIM, 3rd Order, 2 x 20 W, dBc -120100 Input Power per Port,

maximum, watts

Mechanical Specifications

Wind Loading @ Velocity, frontal 30.0 N @ 150 km/h (6.7 lbf @ 150 km/h) Wind Loading @ Velocity, lateral 30.0 N @ 150 km/h (6.7 lbf @ 150 km/h) Wind Loading @ Velocity, rear 30.0 N @ 150 km/h (6.7 lbf @ 150 km/h)

Wind Speed, maximum 241 km/h (150 mph)

Packaging and Weights

Width, packed 145 mm | 5.709 in Depth, packed 125 mm | 4.921 in Length, packed 830 mm | 32.677 in Weight, gross 2 kg | 4.409 lb

Regulatory Compliance/Certifications

Agency Classification CE Compliant with the relevant CE product directives CHINA-ROHS Below maximum concentration value ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

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LNX003U

ROHS

Compliant

UK-ROHS

Compliant



* Footnotes

Performance Note

Severe environmental conditions may degrade optimum performance

