



AXXD06MS-3NX

0.6 m, High Performance, Dual-Polarized Class3

Modular Antenna, XX for 7W ~ 42GHz

General Specifications

Product Type	Microwave antenna
Product Series	UHP-M

Electrical Specifications

	_	Gá	ain (d	Ri)			F/B				
Model Number	Frequency	O.	ani (u	راد	HPBW	XPD	Ratio	VSWR	Return	ETSI	Antenna
Woder Namber	(GHz)	Low	Mid	High	(°)	(dB)	(dB)	max	Loss(dB)	Standard	Input
A7WD06MS-3NX	7.125 ~ 8.5	30.6	31.3	31.9	4.7	30	57	1.3	17.7	Class 3	154IEC-UBR84
A10WD06MS-3NX	10.125 ~ 11.7	33.5	34.5	35	3.3	30	61	1.3	17.7	Class 3	154IEC-UBR100
A13D06MS-3NX	12.75 ~ 13.25	35.8	36	36.2	2.7	30	61	1.3	17.7	Class 3	154IEC-UBR120
A15D06MS-3NX	14.4 ~ 15.35	36.7	37.1	37.3	2.4	30	65	1.3	17.7	Class 3	154IEC-UBR140
A18D06MS-3NX	17.7 ~ 19.7	38.6	39.4	39.8	1.8	30	67	1.3	17.7	Class 3	154IEC-UBR220
A23D06MS-3NX	21.2 ~ 23.6	40.2	40.7	41.2	1.55	30	66	1.3	17.7	Class 3	154IEC-UBR220
A26D06MS-3NX	24.25 ~ 26.5	41.5	42	42.5	1.3	30	68	1.3	17.7	Class 3	154IEC-UBR220
A28D06MS-3NX	27.5 ~ 29.5	42.5	42.8	43.2	1.2	30	69	1.3	17.7	Class 3	154IEC-UBR320
A32D06MS-3NX	31.8 ~ 33.4	43.2	43.5	43.8	1.1	30	63	1.3	17.7	Class 3b	154IEC-UBR320
A38D06MS-3NX	37 ~ 40	44.6	45.2	45.8	0.9	30	66	1.3	17.7	Class 3b	154IEC-UBR320
A42D06MS-3NX	40.5 ~ 43.5	45.7	46	46.3	0.8	30	67	1.3	17.7	Class 3b	UG383/U-R400

Mechanical Specifications

Diameter (m)	0.6
Antenna Color (color charts)	Pantone Light Gray 1C
Reflector	One-piece reflector
Radome Color	White
Fine Azimuth Adjustment	±15°
Fine Elevation Adjustment	±15°
Diameter of mounting pipe (mm)	Ф51 to 114
Ice-load(mm)	25.4
Operational Temperature (°C)	-45 to +60

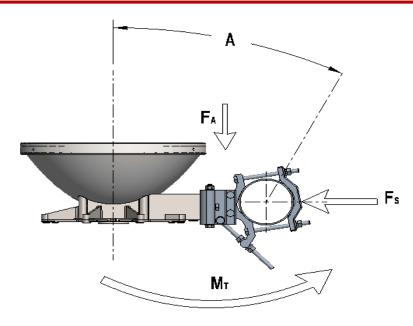


Wind Forces At Wind Velocity Survival Rating

250
200
1260
620
395

[※] The diameter of the mounting pipe is 114mm when testing

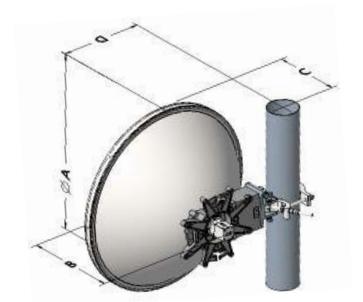
Wind Forces At Wind Velocity Survival Rating Image



Packed Dimensions

Gross Weight,Packed Antenna (kg)	8.7 ± 1
Net Weight, Only Antenna (kg)	6.8 ± 1
$L \times W \times H (mm \times mm \times mm)$	790 × 600 × 345

Antenna Dimensions



Dimensions in mm				
Antenna size,ft(m)	2(0.6)			
Α	667			
В	352			
С	261			
D	314			



_	_	_	
1	Υ		l
	- 1		

Note

Gain There may be an error in testing the gain in different

test fields. The error should be less than 0.5dB.

Radiation Pattern Envelope Reference

(RPE)

RPE of antenna is generated with the stated gain, so there will be a deviation of RPE when the gain is

deviated. Theoretically, the pattern deviation dose

not exceed 0.5dB.

Front-to-Back Ratio Indicates the highest backward radiation, relative to

the main lobe, in the range of 180° ± 40°. Production antennas do not exceed rated values by more than

2dB unless stated otherwise.

Cross Polarization Discrimination (XPD) The stated 30dB antenna XPD is tested in

professional test field. Both antennas have 30dB XPD in a link, but the detected link XPD may fall

back to the worst 24dB.



Copyright © Huawei Technologies Co., Ltd. 2019. All rights reserved.

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Technologies Co., Ltd.

Trademarks and Permissions



and other Huawei trademarks are trademarks of Huawei Technologies Co., Ltd.

All other trademarks and trade names mentioned in this document are the property of their respective holders.

Notice

The purchased products, services and features are stipulated by the contract made between Huawei and the customer. All or part of the products, services and features described in this document may not be within the purchase scope or the usage scope. Unless otherwise specified in the contract, all statements, information, and recommendations in this document are provided "AS IS" without warranties, guarantees or representations of any kind, either express or implied.

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute a warranty of any kind, express or implied.

Huawei Technologies Co., Ltd.

Address: Huawei Industrial Base

Bantian, Longgang Shenzhen 518129

People's Republic of China

Website: http://www.huawei.com
Email: support@huawei.com