

## ORDERING GUIDE

# ARUBA 228 ACCESS POINTS

### 1. SELECT AP MODEL

Part Number	Description
<b>Controller-managed Access Points</b>	
JW182A	Aruba AP-228 802.11n/ac Dual 3x3:3 Radio 6xRPSMA Connectors Indoor Hardened AP
<b>Instant Access Points</b>	
JW245A	Aruba Instant IAP-228 (RW) 802.11n/ac Dual 3x3:3 Radio 6xRPSMA Cnctr Inst Indoor Hardened AP
JW244A	Aruba Instant IAP-228 (US) 802.11n/ac Dual 3x3:3 Radio 6xRPSMA Cnctr Inst Indoor Hardened AP
JW246A	Aruba Instant IAP-228 (JP) 802.11n/ac Dual 3x3:3 Radio 6xRPSMA Cnctr Inst Indoor Hardened AP
<b>FIPS/TAA Access Point</b>	
JW183A	Aruba AP-228 FIPS/TAA-compliant 802.11ac Dual 3x3:3 Radio 6xRPSMA Connectors Indoor Hardened AP
JW247A	Aruba Instant IAP-228 (RW) FIPS/TAA 802.11n/ac Dual 3x3:3 Radio 6xRPSMA Cnctr Indoor Hardened AP
JW248A	Aruba Instant IAP-228 (US) FIPS/TAA 802.11n/ac Dual 3x3:3 Radio 6xRPSMA Cnctr Indoor Hardened AP
JY762A	Aruba Instant IAP-228 (JP) FIPS/TAA 802.11n/ac Dual 3x3:3 Radio 6xRPSMA Cnctr Indoor Hardened AP

### 2. ADD MOUNTING BRACKET

Part Number	Description
JW046A	AP-220-MNT-W1 Flat Surface Wall/Ceiling Black AP Basic Flat Surface Mount Kit
JW047A	AP-220-MNT-W1W Flat Surface Wall/Ceiling White AP Basic Flat Surface Mount Kit
JW056A	AP-270-MNT-ADP AP-228 to AP-270-MNT-XX Outdoor Mount Adapter
JW052A	AP-270-MNT-V1 AP-270 Series Outdoor Pole/Wall Long Mount Kit
JW053A	AP-270-MNT-V2 AP-270 Series Outdoor Pole/Wall Short Mount Kit
JW054A	AP-270-MNT-H1 AP-270 Series Outdoor AP Hanging or Tilt Install Mount Kit
JW055A	AP-270-MNT-H2 AP-270 Series Access Flush Wall or Ceiling Mount

AP-270-MNT-xx require that AP-270-MNT-ADP (JW056A) be ordered

### 3. ADD POE POWERING ACCESSORIES FOR UNITS TO BE POE POWERED

Part Number	Description
JW629A	PD-9001GR-AC 30W 802.3at PoE+ 10/100/1000 Ethernet Indoor Rated Midspan Injector
JW630A	PD-9001GO-DC 30W 802.3at PoE+ 10/100/1000 12-24V DC in Outdoor Surge Prot Midspan Injector
JW700A	PD-9001GO-NA 30W 802.3at PoE+ 10/100/1000 Otdr Surge Prot NA Power Cord Mdspan Injector
JW701A	PD-9001GO-INTL 30W 802.3at PoE+ 10/100/1000 Outdoor Surge Prot Intl Power Cord Injector

#### 4. ADD MOUNTING KIT FOR OUTDOOR POE MIDSPAN INJECTOR (OPTIONAL)

Part Number	Description
JW620A	PD-MOUNT-OD Outdoor PoE Midspan Injectors Pole/Mast Mount Kit

#### 5. SELECT AC POWER CORD FOR INDOOR POE INJECTOR

Part Number	Description
JW113A	PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord
JW114A	PC-AC-AUS Australian AC Power Cord
JW115A	PC-AC-BR Brazil AC Power Cord
JW116A	PC-AC-CHN China AC Power Cord
JW117A	PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord
JW118A	PC-AC-EC Continental European/Schuko AC Power Cord
JW119A	PC-AC-IN India AC Power Cord
JW120A	PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord
JW121A	PC-AC-IT Italian AC Power Cord
JW122A	PC-AC-JP Japanese AC Power Cord
JW123A	PC-AC-KOR Korea AC Power Cord
JW124A	PC-AC-NA North America AC Power Cord
JW125A	PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord
JW127A	PC-AC-UK UK AC Power Cord
JW128A	PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord

#### 6. ADD ANTENNA FOR RADIO 0 (5 GHZ)

Part Number	Description
JW009A	AP-ANT-1W 2.4-2.5GHz (4dBi)/4.9-5.875GHz (6dBi) Hi Gain Dual-band Omni-Dir Indoor Antenna
JW001A	AP-ANT-13B 2.4-2.5GHz (4.4dBi)/4.9-5.9GHz (3.3dBi) Downtilt Smallest Omni-Dir Single Antenna
JW003A	AP-ANT-16 2.4-2.5GHz (3.9dBi)/4.9-5.9GHz (4.7dBi) 3 Elmt MIMO Ant w/Downtilt Omni-Dir Antenna
JW004A	AP-ANT-19 2.4/5G Dual Band Omni-Dir 3dBi/6dBi Indr/Otdr RPSMA Cnctr Ant w/36in Intgrtd Cable
JW011A	AP-ANT-20W 2.4-2.5GHz (2dBi)/4.9-5.875GHz (2dBi) Compact Omni-Dir DMt Indr White Antenna
JW014A	AP-ANT-32 Dual Band 2/4dBi Omni RPSMA Low Profile 3-pk Omni Antenna
JW015A	AP-ANT-35A Dual Band 90x90deg 5dBi +/- 45 and V Pol 3 Element MIMO 3xRPSMA Pigtail Antenna
JW016A	AP-ANT-38 Dual Band 60x60deg 8dBi +/- 45 and V Pol 3 Element MIMO 3xRPSMA Pigtail Antenna
JW033A	ANT-3x3-5712 4.9-5.9GHz 12.0dBi 75x25deg +/- 45deg and V Pol 3 MIMO High Gain Dir Antenna
JW028A	ANT-2x2-5314 5.15-5.9 GHz 14dBi 30x30deg Dual Pol MIMO Hi Gain Dir N-Type Outdoor Antenna
JX988A	ANT-4x4-5314 5.15-5.9GHz 14dBi 30x30deg Dual Pol MIMO Hi Gain Dir N-Type Outdoor Antenna

## 7. ADD ANTENNA FOR RADIO 1 (2.4 GHZ)

Part Number	Description
JW009A	AP-ANT-1W 2.4-2.5GHz (4dBi)/4.9-5.875GHz (6dBi) Hi Gain Dual-band Omni-Dir Indoor Antenna
JW001A	AP-ANT-13B 2.4-2.5GHz (4.4dBi)/4.9-5.9GHz (3.3dBi) Downtilt Smallest Omni-Dir Single Antenna
JW003A	AP-ANT-16 2.4-2.5GHz (3.9dBi)/4.9-5.9GHz (4.7dBi) 3 Elmt MIMO Ant w/Downtilt Omni-Dir Antenna
JW004A	AP-ANT-19 2.4/5G Dual Band Omni-Dir 3dBi/6dBi Indr/Otdr RPSMA Cnctr Ant w/36in Intgrtd Cable
JW011A	AP-ANT-20W 2.4-2.5GHz (2dBi)/4.9-5.875GHz (2dBi) Compact Omni-Dir DMt Indr White Antenna
JW014A	AP-ANT-32 Dual Band 2/4dBi Omni RPSMA Low Profile 3-pk Omni Antenna
JW015A	AP-ANT-35A Dual Band 90x90deg 5dBi +/- 45 and V Pol 3 Element MIMO 3xRPSMA Pigtail Antenna
JW016A	AP-ANT-38 Dual Band 60x60deg 8dBi +/- 45 and V Pol 3 Element MIMO 3xRPSMA Pigtail Antenna
JW024A	ANT-2x2-2314 2.4 GHz 14dBi 30x30deg Dual Pol MIMO High Gain Dir N-Type Outdoor Antenna

## 8. ADD ANTENNA MOUNT KIT FOR AP-ANT-35A OR AP-ANT-38

Part Number	Description
JW020A	AP-ANT-MNT-3 AP-ANT-25A/28/35A/38 Azimuth and Elevation Adjustable Mount Kit

## 9. ADD RF JUMPERS FOR ANT-2X2-2314, ANT-2X2-5314, OR ANT-3X3-5712

Part Number	Description
JW066A	AFC2DL60-00 Indoor AP RPSMAm to Nf 60cm Flexible Indoor Rated RF Cable
JW067A	AFCJMTM-00 Indoor AP RPSMAm to Nm 60cm Flexible Indoor Rated RF Cable

## 10. SPARES OF ITEMS THAT ARE SHIPPED WITH CHASSIS (OPTIONAL)

Part Number	Description
Q8N47A	Outdoor AP Covers and Glands 1-pk M25/5-pk M20 Cover/2-pk M16 Cover/5-pk M20 Gland/2-pk Ground Kit
Q8N84A	Outdoor AP Metric to Standard M20 to 1/2 inch NPT 5-pk Thread Adapter