

## 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                 |

### 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 Mdsan 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                              |