



HPE Aruba Networking 518 Series Hardened Access Point

High performance Wi-Fi 6 (802.11ax) for harsh
weather environments



Table 1. Select access point

Part number	Description
HPE Aruba Networking 518 Series Hardened Access Points	
R4H02A	HPE Aruba Networking AP-518 (RW) 802.11n/ac Dual 2x2:2/4x4:4 Radio 6xRPSMA Connectors Indoor Hardened AP
R4H03A	HPE Aruba Networking AP-518 (US) 802.11n/ac Dual 2x2:2/4x4:4 Radio 6xRPSMA Connectors Indoor Hardened AP
R4G99A	HPE Aruba Networking AP-518 (EG) 802.11n/ac Dual 2x2:2/4x4:4 Radio 6xRPSMA Connectors Indoor Hardened AP
R4H00A	HPE Aruba Networking AP-518 (IL) 802.11n/ac Dual 2x2:2/4x4:4 Radio 6xRPSMA Connectors Indoor Hardened AP
R4H01A	HPE Aruba Networking AP-518 (JP) 802.11n/ac Dual 2x2:2/4x4:4 Radio 6xRPSMA Connectors Indoor Hardened AP
HPE Aruba Networking 518 Series Hardened Access Points—TAA	
R4H04A	HPE Aruba Networking AP-518 (EG) FIPS/TAA 802.11n/ac Dual 2x2:2/4x4:4 Radio 6xRPSMA Connectors Indoor Hardened AP
R4H05A	HPE Aruba Networking AP-518 (IL) FIPS/TAA 802.11n/ac Dual 2x2:2/4x4:4 Radio 6xRPSMA Connectors Indoor Hardened AP
R4H06A	HPE Aruba Networking AP-518 (JP) FIPS/TAA 802.11n/ac Dual 2x2:2/4x4:4 Radio 6xRPSMA Connectors Indoor Hardened AP
R4H07A	HPE Aruba Networking AP-518 (RW) FIPS/TAA 802.11n/ac Dual 2x2:2/4x4:4 Radio 6xRPSMA Connectors Indoor Hardened AP
R4H08A	HPE Aruba Networking AP-518 (US) FIPS/TAA 802.11n/ac Dual 2x2:2/4x4:4 Radio 6xRPSMA Connectors Indoor Hardened AP



Table 2. Add mounting bracket

Part number	Description
R3J15A	HPE Aruba Networking AP-MNT-A Campus AP mount bracket kit (individual) type A: suspended ceiling rail, flat 9/16
R3J16A	HPE Aruba Networking AP-MNT-B Campus AP mount bracket kit (individual) type B: suspended ceiling rail, flat 15/16
R3J17A	HPE Aruba Networking AP-MNT-C Campus AP mount bracket kit (individual) type C: suspended ceiling rail, profile 9/16
R3J18A	HPE Aruba Networking AP-MNT-D Campus AP mount bracket kit (individual) type D: solid surface
R3J19A	HPE Aruba Networking AP-MNT-E Campus AP mount bracket kit (individual) type E: wall-box
R6T34A	HPE Aruba Networking AP-MNT-MP10-B1 Campus AP mount bracket kit (10-pack) type B1: suspended ceiling rail, flat 15/16 thick
S0J40A	HPE Aruba Networking HPE Aruba Networking AP-MNT-MP10-U Campus AP 10-Pack Universal Mount Bracket Kit
R3T20A	HPE Aruba Networking AP-MNT-MP10-X Campus AP mount adapter kit (10-pack) for existing W2/W3 mounts
R9H97A	HPE Aruba Networking AP-OUT-MNT-V1A Outdoor Pole/Wall Long Mount Kit
JW053A	HPE Aruba Networking AP-270-MNT-V2 AP-270 Series Outdoor Pole/Wall Short Mount Kit
JW054A	HPE Aruba Networking AP-270-MNT-H1 AP-270 Series Outdoor AP Hanging or Tilt Install Mount Kit
JW055A	HPE Aruba Networking AP-270-MNT-H2 AP-270 Series Access Flush Wall or Ceiling Mount
JW056A	HPE Aruba Networking AP-270-MNT-ADP AP-228 to AP-270-MNT-XX Outdoor Mount Adapter
R6W11A	HPE Aruba Networking AP-270-MNT-H3 AP-270 Series Outdoor AP Hanging or Dual-Tilt Install Mount Kit

AP-270-MNT-X and AP-OUT-MNT-X require that AP-270-MNT-ADP (JW056A) be ordered.

Table 3. Add PoE powering accessories for units to be PoE powered

Part number	Description
R6P67A	HPE Aruba Networking AP-POE-ATSR 1-Port Smart Rate 802.3at 30W Indoor Midspan Injector
R1C73A	HPE Aruba Networking AP-POE-BTSR 1-Port Smart Rate 802.3bt 60W Indoor Midspan Injector
JW629A	HPE Aruba Networking PD-9001GR-AC 30W 802.3at PoE+ 10/100/1000 Ethernet Indoor Rated Midspan Injector
JW630A	HPE Aruba Networking PD-9001GO-DC 30W 802.3at PoE+ 10/100/1000 12-24V DC in Outdoor Surge Prot Midspan Injector
JW700A	HPE Aruba Networking PD-9001GO-NA 30W 802.3at PoE+ 10/100/1000 Otdr Surge Prot NA Power Cord Mdspan Injector
JW701A	HPE Aruba Networking PD-9001GO-INTL 30W 802.3at PoE+ 10/100/1000 Outdoor Surge Prot Intl Power Cord Injector
R7T40A	HPE Aruba Networking PD-9501-5GCO-AC 60W 802.3bt Smart Rate Outdoor Surge Protection Midspan Injector
R7T41A	HPE Aruba Networking PD-9501-5GCO-DC 60W 802.3bt Smart Rate Outdoor Surge Protection Midspan Injector



Table 4. Add mounting kit for outdoor PoE midspan injector (optional)

Part number	Description
JW620A	HPE Aruba Networking PD-MOUNT-OD Outdoor PoE Midspan Injectors Pole/Mast Mount Kit

Table 5. Select 3-prong AC power cord for indoor PoE injector

Part number	Description
JW113A	HPE Aruba Networking PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord
JW114A	HPE Aruba Networking PC-AC-AUS Australian AC Power Cord
JW115A	HPE Aruba Networking PC-AC-BR Brazil AC Power Cord
JW116A	HPE Aruba Networking PC-AC-CHN China AC Power Cord
JW117A	HPE Aruba Networking PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord
JW118A	HPE Aruba Networking PC-AC-EC Continental European/Schuko AC Power Cord
JW119A	HPE Aruba Networking PC-AC-IN India AC Power Cord
JW120A	HPE Aruba Networking PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord
JW121A	HPE Aruba Networking PC-AC-IT Italian AC Power Cord
JW122A	HPE Aruba Networking PC-AC-JP Japanese AC Power Cord
JW123A	HPE Aruba Networking PC-AC-KOR Korea AC Power Cord
JW124A	HPE Aruba Networking PC-AC-NA North America AC Power Cord
JW125A	HPE Aruba Networking PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord
JW126A	HPE Aruba Networking PC-AC-TW Taiwan AC Power Cord
JW127A	HPE Aruba Networking PC-AC-UK UK AC Power Cord
JW128A	HPE Aruba Networking PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord



Table 6. Add antenna for radio 0 (5 GHz)

Part number	Description
S1F79A	HPE Aruba Networking AP-ANT-311 Direct-Mount RP-SMA Indoor Tri-band 1x1 Omni Dipole Antenna
S1F80A	HPE Aruba Networking AP-ANT-312 Direct-Mount RP-SMA Indoor Tri-band 1x1 Low-Profile Omni Dipole Antenna
S1F81A	HPE Aruba Networking AP-ANT-313 Cabled RP-SMA Indoor/Outdoor Tri-band 1x1 Omni Dipole Antenna
S1F85A	HPE Aruba Networking AP-ANT-320 Cabled RP-SMA Indoor Tri-Band 2x2 Downtilt Omni Ceiling Antenna Direct, using pigtail
S1F86A	HPE Aruba Networking AP-ANT-325 Cabled RP-SMA Indoor/Outdoor Tri-band 2x2 Medium Gain Directional Panel Antenna
S1F87A	HPE Aruba Networking AP-ANT-328 Cabled RP-SMA Indoor/Outdoor Tri-band 2x2 High Gain Directional Panel Antenna
JW001A	HPE Aruba Networking AP-ANT-13B 2.4-2.5GHz (4.4dBi)/4.9-5.9GHz (3.3dBi) Downtilt Smallest Omni-Dir Single Antenna
JW004A	HPE Aruba Networking AP-ANT-19 2.4/5G Dual Band Omni-Dir 3dBi/6dBi Indr/Otdr RPSMA Cnctr Ant w/36in Intgrtd Cable
JW009A	HPE Aruba Networking AP-ANT-1W 2.4-2.5GHz (4dBi)/4.9-5.875GHz (6dBi) Hi Gain Dual-band Omni-Dir Indoor Antenna
JW011A	HPE Aruba Networking AP-ANT-20W 2.4-2.5GHz (2dBi)/4.9-5.875GHz (2dBi) Compact Omni-Dir DMt Indr White Antenna
JW017A	HPE Aruba Networking AP-ANT-40 Dual Band Downtilt Omni 4dBi 4 Elmt MIMO Ceiling Mount 4xRPSMA Pigtail Antenna
JW018A	HPE Aruba Networking AP-ANT-45 Dual Band 90x90deg 5dBi 4 Element MIMO 4xRPSMA Pigtail Antenna
JW019A	HPE Aruba Networking AP-ANT-48 Dual Band 60x60deg 8dBi 4 Element MIMO 4xRPSMA Pigtail Antenna
JW033A	HPE Aruba Networking ANT-3x3-5712 4.9-5.9GHz 12.0dBi 75x25deg +/- 45deg and V Pol 3 MIMO High Gain Dir Antenna
JX988A	HPE Aruba Networking ANT-4x4-5314 5.15-5.9GHz 14dBi 30x30deg Dual Pol MIMO Hi Gain Dir N-Type Outdoor Antenna
Q8N49A	HPE Aruba Networking AP-ANT-22 Dual Band 2/4dBi Omni RPSMA Low Profile 2-pk Omni Antenna

S1F79A, S1F80A, and S1F81A will require quantity 2 for the 2.4 GHz radio. Use of ANT-3x3-5712 with the AP-518 will require N to RPSMA jumpers (AFCSJMTM-00/JW067A) to connect the antenna to the access point, along with a single 50-ohm RP-SMA terminator to terminate the unused 5G3 connector (sourced outside of HPE Aruba Networking). Use of the ANT-4x4-5712 and ANT-4x4-5314 will require RP-SMA to N jumper cables (AFCSJMTM-00/JW067A).



Table 7. Add antenna for radio 1 (2.4 GHz)

Part number	Description
S1F79A	HPE Aruba Networking AP-ANT-311 Direct-Mount RP-SMA Indoor Tri-band 1x1 Omni Dipole Antenna
S1F80A	HPE Aruba Networking AP-ANT-312 Direct-Mount RP-SMA Indoor Tri-band 1x1 Low-Profile Omni Dipole Antenna
S1F81A	HPE Aruba Networking AP-ANT-313 Cabled RP-SMA Indoor/Outdoor Tri-band 1x1 Omni Dipole Antenna
S1F82A	HPE Aruba Networking AP-ANT-340 Cabled RP-SMA Indoor Tri-band 4x4 Downtilt Omni Ceiling Antenna
S1F83A	HPE Aruba Networking AP-ANT-345 Cabled RP-SMA Indoor/Outdoor Tri-band 4x4 Medium Gain Directional Panel Antenna
S1F84A	HPE Aruba Networking AP-ANT-348 Cabled RP-SMA Indoor/Outdoor Tri-band 4x4 High Gain Directional Panel Antenna
JW001A	HPE Aruba Networking AP-ANT-13B 2.4-2.5GHz (4.4dBi)/4.9-5.9GHz (3.3dBi) Downtilt Smallest Omni-Dir Single Antenna
JW003A	HPE Aruba Networking 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	HPE Aruba Networking AP-ANT-19 2.4/5G Dual Band Omni-Dir 3dBi/6dBi Indr/Otdr RPSMA Cnctr Ant w/36in Intgrtd Cable
JW009A	HPE Aruba Networking AP-ANT-1W 2.4-2.5GHz (4dBi)/4.9-5.875GHz (6dBi) Hi Gain Dual-band Omni-Dir Indoor Antenna
JW011A	HPE Aruba Networking AP-ANT-20W 2.4-2.5GHz (2dBi)/4.9-5.875GHz (2dBi) Compact Omni-Dir DMt Indr White Antenna
JW012A	HPE Aruba Networking AP-ANT-25A Dual Band 90x90deg 5dBi +/- 45 Pol 2 Element MIMO 2xRPSMA Pigtail Antenna
S0A66A	HPE Aruba Networking AP-ANT-28A Dual Band 70x50deg 7.0dBi +/- 45 Pol 2 Element MIMO 2xRPSMA Pigtail Antenna
JW024A	HPE Aruba Networking ANT-2x2-2314 2.4 GHz 14dBi 30x30deg Dual Pol MIMO High Gain Dir N-Type Outdoor Antenna
Q8N49A	HPE Aruba Networking AP-ANT-22 Dual Band 2/4dBi Omni RPSMA Low Profile 2-pk Omni Antenna

S1F79A, S1F80A, and S1F81A will require quantity 4 for the 5 GHz radio. Use of ANT-2x2-2314 with AP-518 will require N to RPSMA jumpers (AFCSJMTM-00 / JW067A) to connect the antenna to the access point.

Table 8. Add antenna mount kit for AP-ANT-25A, AP-ANT-28, AP-ANT-40, AP-ANT-45, AP-ANT-48

Part number	Description
S1J09A	HPE Aruba Networking AP-ANT-MNT-U Universal AZ/EL Adjustable Antenna Pole/Wall Mount Kit
JW020A	HPE Aruba Networking AP-ANT-MNT-3 AP-ANT-25A/35A/38 Azimuth and Elevation Adjustable Mount Kit
JW021A	HPE Aruba Networking AP-ANT-MNT-4 AP-ANT-28A and AP-ANT-48 Azimuth and Elevation Adjustable Mount Kit
JW022A	HPE Aruba Networking AP-ANT-MNT-5 AP-ANT-45 Azimuth and Elevation Adjustable Mount Kit

S1J09A mounting bracket to be used for all Tri-band panel antennas (S1F85A, S1F86A, S1F87A, S1F82A, S1F83A, and S1F84A).



Ordering guide

Table 9. Add RF jumpers for ANT-2X2-2314, ANT-2X2-5314, or ANT-3X3-5712

Part number	Description
JW066A	HPE Aruba Networking AFC2DL60-00 Indoor AP RPSMAm to Nf 60cm Flexible Indoor Rated RF Cable
JW067A	HPE Aruba Networking AFCSJMTM-00 Indoor AP RPSMAm to Nm 60cm Flexible Indoor Rated RF Cable

Table 10. Spares of items that are shipped with the AP-518 chassis

Part number	Description
Q8N47A	HPE Aruba Networking Outdoor AP Covers and Glands 1-pk M25/5-pk M20 Cover/2-pk M16 Cover/5-pk M20 Gland/2-pk Ground Kit
Q8N48A	HPE Aruba Networking Outdoor AP Metric to Standard M20 to 1/2 inch NPT 5-pk Thread Adapter

Table 11. Accessories

Part number	Description
JZ370A	HPE Aruba Networking AP-MNT-MP10-A Campus AP mount bracket kit (10-pack) type A: suspended ceiling rail, flat 9/16
Q9G69A	HPE Aruba Networking AP-MNT-MP10-B Campus AP mount bracket kit (10-pack) type B: suspended ceiling rail, flat 15/16
Q9G70A	HPE Aruba Networking AP-MNT-MP10-C Campus AP mount bracket kit (10-pack) type C: suspended ceiling rail, profile 9/16
Q9G71A	HPE Aruba Networking AP-MNT-MP10-D Campus AP mount bracket kit (10-pack) type D: solid surface
R1C72A	HPE Aruba Networking AP-MNT-MP10-E Campus AP mount bracket kit (10-pack) type E: wall-box

Learn more at

[HPE.com/us/en/Aruba-access-points.html](https://hpe.com/us/en/Aruba-access-points.html)

Visit [HPE.com](https://hpe.com)



Chat now (sales)