

AP-90 CONFIGURATION GUIDE

1. Select AP-90 model

Part number	Description	Configuration impact
AP-92	Single radio 802.11abgn 2x2 AP, antenna connectors	Add POE injector or AC adapter, antennas
AP-93	Single radio 802.11abgn 2x2 AP, integrated antennas	Add POE injector or AC adapter
AP-93H	Single radio 802.11abgn 2x2 AP, integrated antennas, hospitality version	Add POE injector or AC adapter

Note: the AP-92 has 2 RP-SMA female connectors.

2. Add powering accessories (optional)

Select one of the following:

Part number	Description	Configuration impact
PD-3501G-AC	POE midspan injector, 10/100/1000 802.3af single port	Add AC power cable
AP-AC-12V18	12Vdc / 18W AC Power Adapter	Add AC power cable
AP-AC-UN	12Vdc AC power adapter (18W), universal	
AP-DC-CAR	12Vdc Car power adapter kit	

Select 3-prong AC power cord for injector or AC adapter (no power cable needed for universal adapter):

Part number	Description
PC-AC-ARG	Argentina version
PC-AC-AUS	Australia version
PC-AC-BR	Brazil version
PC-AC-CHN	China version
PC-AC-DEN	Denmark version
PC-AC-EC	Continental Europe version
PC-AC-IN	India version
PC-AC-IL	Israel version
PC-AC-IT	Italy version
PC-AC-JPN	Japan version
PC-AC-KOR	Korea version
PC-AC-NA	North America version
PC-AC-SWI	Switzerland version
PC-AC-UK	United Kingdom version
PC-AC-ZA	South Africa version

3. Add basic accessories (optional)

Part number	Description
AP-90-MNT	Aruba 90 Series Access Point Wall / Ceiling Mounting Kit

Note: this kit is not compatible with the AP-93H.

4. Select antennas (AP-92 only)

Select from table below:

Part number	Qty	Interface(s)	Target env.	Mounting
AP-ANT-1B/1F	2	1x RP-SMA male connector	Indoor	Direct-mount
AP-ANT-13B	2	1x RP-SMA male pigtail	Indoor	Direct, using pigtails
AP-ANT-16	1	3x RP-SMA male pigtail (connect only 2)	Indoor	Direct, using pigtails
AP-ANT-17	1	3x RP-SMA male pigtail (connect only 2)	Indoor/outdoor	Direct, using pigtails
AP-ANT-18	1	3x RP-SMA male pigtail (connect only 2)	Indoor/outdoor	Direct, using pigtails
AP-ANT-19	2	1x RP-SMA male pigtail	Indoor/outdoor	Direct, using pigtails

For deployments with antennas outdoor only (not typical):

Part number	Qty	Interface(s)	Target env.	Mounting
AP-ANT-90	1	2x N-type male pigtails	Outdoor	Use N/f to RP-SMA/m adapter (2x)
ANT-2x2-2005	1	2x N-type male connectors	Outdoor	Use N/f to RP-SMA/m adapter (2x)
ANT-2x2-5005	1	2x N-type male connectors	Outdoor	Use N/f to RP-SMA/m adapter (2x)
ANT-2x2-D607	1	2x N-type male pigtails	Indoor/outdoor	Use N/f to RP-SMA/m adapter (2x)
ANT-2x2-D805	1	2x N-type male pigtails	Indoor/outdoor	Use N/f to RP-SMA/m adapter (2x)
ANT-2x2-2714	1	2x N-type female connectors	Outdoor	Use N/f (with extension) or N/m (direct) to RP-SMA/m adapter (2x)
ANT-2x2-5614	1	2x N-type female connectors	Outdoor	Use N/f (with extension) or N/m (direct) to RP-SMA/m adapter (2x)

5. Add antenna mount kit (optional)

Compatible with AP-ANT-17, AP-ANT-18, ANT-2x2-D607 and ANT-2x2-D805.

Part number	Description
AP-ANT-MNT-1	Azimuth and Elevation adjustable Mount Kit for pole or wall mounting

6. Add indoor antenna filter (optional)

Part number	Description
AP-HPF-SMA	In-line RF antenna cellular interference filter (high-pass). RP-SMA connectors

7. Add RF adapters (when using outdoor antennas)

Add the following (if needed):

Part number	Description	
AFC2DL60-00	N/f to RP-SMA/m adapter cable (60cm)	
AFCSJMTM-00	N/m to RP-SMA/m adapter cable (60cm)	

8. Add RF connection and extension cables (optional, when using outdoor antennas)

Select from following outdoor RF cables (optional, depending on antenna model and mounting method):

Part number	Description	Compatible antennas
AFC7DL01-00	Connection; N-type male connectors, 1m	ANT-2x2-2714 and ANT-2x2-5614 (optional)
AFC7DL02-00	Connection; N-type male connectors, 2m	
AFC7DL03-00	Connection; N-type male connectors, 3m	
AFC7DL04-00	Connection; N-type male connectors, 4m	
AP-CBL-1	Extension; N-type male to N-type female connectors, 10ft	All (optional)

9. Add lightning surge arrestors (optional, when using outdoor antennas)

Only needed when outdoor cable run length exceeds 3m. Use 2 per AP.

Part number	Description
AP-LAR-1	N-type male to N-type female in-line lightning surge arrestor (2GHz-6GHz)