

### AX45 AX44 AX43 Low-Profile Series Mobility M2M IoT Antenna Specifications

Multi-Carrier Multi MIMO Cellular 4G LTE CBRS 5G NR / GPS GNSS / Multi MIMO Multi Band WiFi 6 (2.4GHz ~6GHz) / Bluetooth (2.4GHz)

|                                                                                                       |                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4G LTE CBRS 5G NR Frequency Range<br>Bluetooth (2.4GHz) WiFi 6 Frequency Range                        | 617-960MHz / 1710-6000MHz<br>2.4-2.5GHz / 4.9-6GHz (Concurrent)                                                                                                                                                                                         |
| 4G CBRS 5G NR Avg. Peak Gain: <i>Isotropic</i><br>WiFi 6 / Bluetooth Avg. Peak Gain: <i>Isotropic</i> | (2dBi) 617-960MHz / (3dBi) 1710-3800MHz / (5.5dBi) 4900-6000MHz / (3dBi) CBRS 3.5GHz<br>(9dBi) 2.4-2.5GHz / (9dBi) 4.9-6GHz                                                                                                                             |
| Typical Efficiency 4G 5G Elements                                                                     | 617-960MHz >65%<br>1710-3800MHz >65%<br>4900-6000MHz >85%                                                                                                                                                                                               |
| Typical Efficiency WiFi / Bluetooth Elements                                                          | >70%                                                                                                                                                                                                                                                    |
| Isolation 4G 5G Elements<br>Isolation WiFi / Bluetooth Elements                                       | >10dB<br>>12dB                                                                                                                                                                                                                                          |
| Correlation Co-efficient 4G 5G Elements<br>Correlation Co-efficient WiFi / BT Elements                | <0.2<br><0.1                                                                                                                                                                                                                                            |
| Nominal Impedance                                                                                     | 50Ω                                                                                                                                                                                                                                                     |
| GPS GNSS Specifications                                                                               | GPS Glonass Galileo QZSS BeiDou Compass<br>In-Band Frequency Interference Filter for LTE B13 B14                                                                                                                                                        |
| Frequency Range                                                                                       | 1562-1612MHz                                                                                                                                                                                                                                            |
| LNA Gain                                                                                              | 29dB ± 2dB                                                                                                                                                                                                                                              |
| VSWR                                                                                                  | <2.0:1                                                                                                                                                                                                                                                  |
| Out of Band Rejection                                                                                 | >45dB (@ > +/- 100MHz f)                                                                                                                                                                                                                                |
| Typical Noise Figure                                                                                  | <-2dB                                                                                                                                                                                                                                                   |
| Notch Filter Rejection @787MHz                                                                        | 24dB                                                                                                                                                                                                                                                    |
| Operating Voltage                                                                                     | 3-5V DC                                                                                                                                                                                                                                                 |
| Typical Current                                                                                       | 15mA                                                                                                                                                                                                                                                    |
| Mechanical / Environmental Specifications                                                             |                                                                                                                                                                                                                                                         |
| Antenna Housing                                                                                       | High Impact UV Stable ABS Polymer (Black or White)<br>Bolt Mount: Housing Height: 50mm (2.0") / Base Length: 56mm (2.2") / Base Width: 56mm (2.2")<br>Magnetic Mount: Housing Height: 60mm (2.36") / Base Length: 56mm (2.2") / Base Width: 56mm (2.2") |
| Connector Types                                                                                       | All Standard RF Connectors Available (Including FAKRA Connector Ends)                                                                                                                                                                                   |
| 15ft Coax Cables<br>(All Cables Full Length)                                                          | Cellular 4G 5G AGA200 Coax / Multi Band WiFi Bluetooth AGA200 Coax / GPS GNSS AGA100 Coax<br>* Custom cable lengths & connector end options are available (Including FAKRA Connector Ends)                                                              |
| Bolt Mount<br>Magnetic Mount / Adhesive Mount                                                         | Stainless Steel Mounting Bolt: Length 20mm (0.80") / Diameter 22mm (0.90")<br>3 x Commercial Grade Rare Earth Magnets w/Baseplate Pad (Includes 3M Adhesive Mount Pad)                                                                                  |
| Operating Temp                                                                                        | -40° / +80°C (-40° / +176°F)                                                                                                                                                                                                                            |
| Ingress Protection                                                                                    | IP69K                                                                                                                                                                                                                                                   |

| Supported Cellular Service Provider Networks |                                                                                                                                                                                                                                                                                         |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Verizon                                      | Verizon 4G LTE 5G NR Bands<br>4G LTE: B2 B4 B5 B13 B46 B48 B66 (CBRS B48)<br>5G NR: N2 N5 N66 N77<br>Carriers (MVNOs) using Verizon Network:<br>Reach Mobile, Red Pocket Mobile, Spectrum Mobile, Ting<br>Total, Tracfone, Twigby, US Mobile, Visible, Xfinity Mobile                   |
| T-Mobile                                     | Mobile 4G LTE 5G NR Bands<br>4G LTE: B2 B4 B5 B12 B25 B26 B41 B48 B66 B71 (CBRS B48)<br>5G NR: N25 N41 N66 N71<br>Carriers (MVNOs) using T-Mobile Network<br>Mint Mobile, TextNow, Lyca Mobile, Metro, Red Pocket Mobile<br>Republic Wireless, Simple Mobile, Ting, Tracfone, US Mobile |
| AT&T                                         | AT&T 4G LTE 5G NR Bands<br>4G LTE: B2 B4 B5 B12 B14 B17 B29 B30 B48 B66 (CBRS B48)<br>GSM: 1900MHz<br>5G NR: N2 N5 N66 N77<br>Carriers (MVNOs) using AT&T Network<br>Cricket Wireless, Net 10 Wireless, Red Pocket Mobile, Straight Talk                                                |
| Supported Cellular Bands                     |                                                                                                                                                                                                                                                                                         |
| 5G NR Bands                                  | n1 n2 n3 n5 n7 n8 n12 n13 n14 n18 n20 n25 n26 n28 n29 n30 n38 n40 n41 n48-CBRS<br>n66 n71 n75 n76 n77 n78 n79 C-band                                                                                                                                                                    |
| 4G LTE Bands                                 | B1 B2 B3 B4 B5 B7 B8 B12 B13 B14-FirstNet B17 B18 B19 B20 B25 B26 B28 B29 B30 B32<br>B38 B39 B40 B41 B42 B43 B46-LAA B48-CBRS B66 B71                                                                                                                                                   |
| 3G Bands                                     | B1 B2 B3 B4 B5 B6 B8 B9 B19                                                                                                                                                                                                                                                             |
| Supported WiFi IEEE Standards                |                                                                                                                                                                                                                                                                                         |
| WiFi 1-6                                     | WiFi 1 WiF 2 (802.11ba) WiFi 3 (802.11g) WiFi 4 (802.11n) WiFi 5 (802.11ac) WiiFi 6 6E (802.11ax)                                                                                                                                                                                       |
| * WiFi HaLow                                 | WiFi HaLow (802.11ah) * Contact Us For AX45 Series HaLow WiFi Configuration Options                                                                                                                                                                                                     |

## AX45 AX44 AX43 Low-Profile Series Antenna Dimensions (Bolt Mount)

Height: 56mm (2.2")  
Base: 56mm (2.2") x 56mm (2.2")



Mounting Bolt  
20mm (0.80") Length  
22mm (0.90") Diameter



Stainless Steel Mounting Bolt  
Length 19mm (0.75")  
Diameter 22mm (0.87")

Anti-Rotation Perma-Seal  
Baseplate Pad

## AX45 AX44 AX43 Low-Profile Series Antenna Dimensions (Magnetic / Adhesive Mount)

Height: 60mm (2.36")  
Base: 56mm (2.2") x 56mm (2.2")

60mm  
2.36"

56mm  
2.2"

*Magnetic / Adhesive Mount*



Includes  
3M Adhesive Pad

AX45 AX44 AX43 Low-Profile Series Antenna  
*Optional L-Bracket Mount (Sold Separately)*



AX45 MIMO Low-Profile Series Bolt Mount Antenna  
w/ Optional L-Bracket Mount  
*Sold Separately*

Optional: L-Bracket Mount Adapter  
w/ U-Bolt Set  
*Sold Separately*

| AX45 AX44 AX43 Low-Profile Series Antenna Housing Color Options                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Black   White                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                       |
| <div><div></div><div></div><div>Bolt Mount</div></div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                       |
| AX45 AX44 AX43 Low-Profile Series Antenna Cable Connector End Labels (SMA Connector Ends)                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                       |
| CELL   WIFI   GPS                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                       |
| Cell SMA Male                                                                                                                                                                                                            | WiFi RP SMA Male                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | GPS SMA Male                                                                          |
|                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |
| AX45 AX44 AX43 Low-Profile Series Bolt Mount Antenna Configuration Options (SMA Connector Ends)                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                       |
| AX45 5-Element Bolt Mount Configurations (5-Lead)                                                                                                                                                                        | AX45-BB-2CG2W: MIMO 2 x Cellular 3G 4G 5G / GPS GNSS / MIMO 2 x Multi-Band WiFi 6 – (Black)<br>AX45-BW-2CG2W: MIMO 2 x Cellular 3G 4G 5G / GPS GNSS / MIMO 2 x Multi-Band WiFi 6 – (White)<br><br>AX45-BB-4CG: Multi-MIMO 4 x Cellular 3G 4G 5G / GPS GNSS – (Black)<br>AX45-BW-4CG: Multi-MIMO 4 x Cellular 3G 4G 5G / GPS GNSS – (White)<br><br>AX45-BB-4WG: Multi-MIMO 4 x Multi-Band WiFi 6 / GPS GNSS – (Black)<br>AX45-BW-4WG: Multi-MIMO 4 x Multi-Band WiFi 6 / GPS GNSS – (White)                                                                                                       |   |
| AX44 4-Element Bolt Mount Configurations (4-Lead)                                                                                                                                                                        | AX44-BB-2CGW: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS / Multi-Band WiFi 6 – (Black)<br>AX44-BW-2CGW: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS / Multi-Band WiFi 6 – (White)<br><br>AX44-BB-2C2W: MIMO x 2 Cellular 3G 4G 5G / MIMO 2 x Multi-Band WiFi 6 – (Black)<br>AX44-BW-2C2W: MIMO x 2 Cellular 3G 4G 5G / MIMO 2 x Multi-Band WiFi 6 – (White)<br><br>AX44-BB-4C: Multi-MIMO 4 x Cellular 3G 4G 5G – (Black)<br>AX44-BW-4C: Multi-MIMO 4 x Cellular 3G 4G 5G – (White)<br><br>AX44-BB-4W: Multi MIMO 4 x Multi-Band WiFi 6 – (Black)<br>AX44-BW-4W: Multi MIMO 4 x Multi-Band WiFi 6 – (White) |  |
| AX43 3-Element Bolt Mount Configurations (3-Lead)                                                                                                                                                                        | AX43-BB-2CG: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS – (Black)<br>AX43-BW-2CG: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS – (White)<br><br>AX43-BB-2CW: MIMO x 2 Cellular 3G 4G 5G /Multi-Band WiFi 6 – (Black)<br>AX43-BW-2CW: MIMO x 2 Cellular 3G 4G 5G /Multi-Band WiFi 6 – (White)<br><br>AX43-BB-2WG: MIMO x 2Multi-Band WiFi 6 / GPS GNSS – (Black)<br>AX43-BW-2WG: MIMO x 2Multi-Band WiFi 6 / GPS GNSS – (White)<br><br>AX43-BB-3W: MIMO 3 x Multi-Band WiFi 6 – (Black)<br>AX43-BW-3W: MIMO 3 x Multi-Band WiFi 6 – (White)                                                                   |  |

| AX45F AX44F AX43F Low-Profile Series Antenna Housing Color Options                                                                                                                                                        |                                                                                                                      |                                                                                                                     |                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Black   White                                                                                                                                                                                                             |                                                                                                                      |                                                                                                                     |                                                                                                                             |
| <div><div></div><div></div></div> <div>Bolt Mount</div> |                                                                                                                      |                                                                                                                     |                                                                                                                             |
| AX45F AX44F AX43F Low-Profile Series Antenna Cable Connector End Labels (FAKRA Connector Ends)                                                                                                                            |                                                                                                                      |                                                                                                                     |                                                                                                                             |
| CELL   WIFI   GPS                                                                                                                                                                                                         |                                                                                                                      |                                                                                                                     |                                                                                                                             |
| <div>Cell FAKRA-D</div> <div></div>                                                                                                       | <div>WiFi FAKRA-I</div> <div></div> | <div>GPS FAKRA-C</div> <div></div> | <div>Bluetooth FAKRA-G</div> <div></div> |
| AX45F AX44F AX43F Low-Profile Series Bolt Mount Antenna Configuration Options (FAKRA Connector Ends)                                                                                                                      |                                                                                                                      |                                                                                                                     |                                                                                                                             |
| AX45F 5-Element Bolt Mount Configurations (5-Lead)                                                                                                                                                                        | AX45F-BB-2CG2W: MIMO 2 x Cellular 3G 4G 5G / GPS GNSS / MIMO 2 x Multi-Band WiFi 6 – (Black)                         |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX45F-BW-2CG2W: MIMO 2 x Cellular 3G 4G 5G / GPS GNSS / MIMO 2 x Multi-Band WiFi 6 – (White)                         |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX45F-BB-4CG: Multi-MIMO 4 x Cellular 3G 4G 5G / GPS GNSS – (Black)                                                  |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX45F-BW-4CG: Multi-MIMO 4 x Cellular 3G 4G 5G / GPS GNSS – (White)                                                  |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX45F-BB-4WG: Multi-MIMO 4 x Multi-Band WiFi 6 / GPS GNSS – (Black)                                                  |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX45-BW-4WG: Multi-MIMO 4 x Multi-Band WiFi 6 / GPS GNSS – (White)                                                   |                                                                                                                     |                                                                                                                             |
| AX44F 4-Element Bolt Mount Configurations (4-Lead)                                                                                                                                                                        | AX44F-BB-2CGW: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS / Multi-Band WiFi 6 – (Black)                                   |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX44F-BW-2CGW: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS / Multi-Band WiFi 6 – (White)                                   |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX44F-BB-2C2W: MIMO x 2 Cellular 3G 4G 5G / MIMO 2 x Multi-Band WiFi 6 – (Black)                                     |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX44F-BW-2C2W: MIMO x 2 Cellular 3G 4G 5G / MIMO 2 x Multi-Band WiFi 6 – (White)                                     |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX44F-BB-4C: Multi-MIMO 4 x Cellular 3G 4G 5G – (Black)                                                              |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX44F-BW-4C: Multi-MIMO 4 x Cellular 3G 4G 5G – (White)                                                              |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX44F-BB-4W: Multi MIMO 4 x Multi-Band WiFi 6 – (Black)                                                              |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX44F-BW-4W: Multi MIMO 4 x Multi-Band WiFi 6 – (White)                                                              |                                                                                                                     |                                                                                                                             |
| AX43F 3-Element Bolt Mount Configurations (3-Lead)                                                                                                                                                                        | AX43F-BB-2CG: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS – (Black)                                                        |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX43F-BW-2CG: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS – (White)                                                        |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX43F-BB-2CW: MIMO x 2 Cellular 3G 4G 5G /Multi-Band WiFi 6 – (Black)                                                |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX43F-BW-2CW: MIMO x 2 Cellular 3G 4G 5G /Multi-Band WiFi 6 – (White)                                                |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX43F-BB-2WG: MIMO x 2Multi-Band WiFi 6 / GPS GNSS – (Black)                                                         |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX43-BW-2WG: MIMO x 2Multi-Band WiFi 6 / GPS GNSS – (White)                                                          |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX43F-BB-3W: MIMO 3 x Multi-Band WiFi 6 – (Black)                                                                    |                                                                                                                     |                                                                                                                             |
|                                                                                                                                                                                                                           | AX43F-BW-3W: MIMO 3 x Multi-Band WiFi 6 – (White)                                                                    |                                                                                                                     |                                                                                                                             |

| AX45 AX44 AX43 Low-Profile Series Antenna Housing Color Options                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Black   White                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                       |
| Magnetic / Adhesive Mount                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                       |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                       |
| AX45 AX44 AX43 Low-Profile Series Antenna Cable Connector End Labels (SMA Connector Ends)                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                       |
| CELL   WIFI   GPS                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                       |
| Cell SMA Male                                                                                                                                                       | WiFi RP SMA Male                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | GPS SMA Male                                                                          |
|                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |
| AX45 AX44 AX43 Low-Profile Series Magnetic / Adhesive Mount Antenna Configuration Options (SMA)                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                       |
| AX45 5-Element Magnetic / Adhesive Mount Configurations (5-Lead)                                                                                                    | AX45-MB-2CG2W: MIMO 2 x Cellular 3G 4G 5G / GPS GNSS / MIMO 2 x Multi-Band WiFi 6 – (Black)<br>AX45-MW-2CG2W: MIMO 2 x Cellular 3G 4G 5G / GPS GNSS / MIMO 2 x Multi-Band WiFi 6 – (White)<br><br>AX45-MB-4CG: Multi-MIMO 4 x Cellular 3G 4G 5G / GPS GNSS – (Black)<br>AX45-MW-4CG: Multi-MIMO 4 x Cellular 3G 4G 5G / GPS GNSS – (White)<br><br>AX45-MB-4WG: Multi-MIMO 4 x Multi-Band WiFi 6 / GPS GNSS – (Black)<br>AX45-MW-4WG: Multi-MIMO 4 x Multi-Band WiFi 6 / GPS GNSS – (White)                                                                                                       |   |
| AX44 4-Element Magnetic / Adhesive Mount Configurations (4-Lead)                                                                                                    | AX44-MB-2CGW: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS / Multi-Band WiFi 6 – (Black)<br>AX44-MW-2CGW: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS / Multi-Band WiFi 6 – (White)<br><br>AX44-MB-2C2W: MIMO x 2 Cellular 3G 4G 5G / MIMO 2 x Multi-Band WiFi 6 – (Black)<br>AX44-MW-2C2W: MIMO x 2 Cellular 3G 4G 5G / MIMO 2 x Multi-Band WiFi 6 – (White)<br><br>AX44-MB-4C: Multi-MIMO 4 x Cellular 3G 4G 5G – (Black)<br>AX44-MW-4C: Multi-MIMO 4 x Cellular 3G 4G 5G – (White)<br><br>AX44-MB-4W: Multi MIMO 4 x Multi-Band WiFi 6 – (Black)<br>AX44-MW-4W: Multi MIMO 4 x Multi-Band WiFi 6 – (White) |  |
| AX43 3-Element Magnetic / Adhesive Mount Configurations (3-Lead)                                                                                                    | AX43-MB-2CG: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS – (Black)<br>AX43-MW-2CG: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS – (White)<br><br>AX43-MB-2CW: MIMO x 2 Cellular 3G 4G 5G / Multi-Band WiFi 6 – (Black)<br>AX43-MW-2CW: MIMO x 2 Cellular 3G 4G 5G / Multi-Band WiFi 6 – (White)<br><br>AX43-MB-2WG: MIMO x 2 Multi-Band WiFi 6 / GPS GNSS – (Black)<br>AX43-MW-2WG: MIMO x 2 Multi-Band WiFi 6 / GPS GNSS – (White)<br><br>AX43-MB-3W: MIMO 3 x Multi-Band WiFi 6 – (Black)<br>AX43-MW-3W: MIMO 3 x Multi-Band WiFi 6 – (White)                                                               |  |

| AX45F AX44F AX43F Low-Profile Series Antenna Housing Color Options                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                   |                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Black   White                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                   |                                                                                     |
| Magnetic   Adhesive Mount                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                   |                                                                                     |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                   |                                                                                     |
| AX45F AX44F AX43F Low-Profile Series Antenna Cable Connector End Labels (FAKRA Connector Ends)                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                   |                                                                                     |
| CELL   WIFI   GPS                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                   |                                                                                     |
| Cell FAKRA-D                                                                                                                                                        | WiFi FAKRA-I                                                                                                                                                                                                                                                                                                                                                                                                             | GPS FAKRA-C                                                                       | Bluetooth FAKRA-G                                                                   |
|                                                                                     |                                                                                                                                                                                                                                                                                                                                         |  |  |
| AX45F AX44F AX43F Low-Profile Series Magnetic / Adhesive Mount Antenna Configuration Options (FAKRA)                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                   |                                                                                     |
| AX45F 5-Element<br>Magnetic / Adhesive Mount<br>Configurations<br>(5-Lead)                                                                                          | AX45F-MB-2CG2W: MIMO 2 x Cellular 3G 4G 5G / GPS GNSS / MIMO 2 x Multi-Band WiFi 6 – (Black)<br>AX45F-MW-2CG2W: MIMO 2 x Cellular 3G 4G 5G / GPS GNSS / MIMO 2 x Multi-Band WiFi 6 – (White)                                                                                                                                                                                                                             |                                                                                   |                                                                                     |
|                                                                                                                                                                     | AX45F-MB-4CG: Multi-MIMO 4 x Cellular 3G 4G 5G / GPS GNSS – (Black)<br>AX45F-MW-4CG: Multi-MIMO 4 x Cellular 3G 4G 5G / GPS GNSS – (White)<br><br>AX45F-MB-4WG: Multi-MIMO 4 x Multi-Band WiFi 6 / GPS GNSS – (Black)<br>AX45F-MW-4WG: Multi-MIMO 4 x Multi-Band WiFi 6 / GPS GNSS – (White)                                                                                                                             |                                                                                   |                                                                                     |
| AX44F 4-Element<br>Magnetic / Adhesive Mount<br>Configurations<br>(4-Lead)                                                                                          | AX44F-MB-2CGW: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS / Multi-Band WiFi 6 – (Black)<br>AX44F-MW-2CGW: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS / Multi-Band WiFi 6 – (White)                                                                                                                                                                                                                                                 |                                                                                   |                                                                                     |
|                                                                                                                                                                     | AX44F-MB-2C2W: MIMO x 2 Cellular 3G 4G 5G / MIMO 2 x Multi-Band WiFi 6 – (Black)<br>AX44F-MW-2C2W: MIMO x 2 Cellular 3G 4G 5G / MIMO 2 x Multi-Band WiFi 6 – (White)<br><br>AX44F-MB-4C: Multi-MIMO 4 x Cellular 3G 4G 5G – (Black)<br>AX44F-MW-4C: Multi-MIMO 4 x Cellular 3G 4G 5G – (White)<br><br>AX44F-MB-4W: Multi MIMO 4 x Multi-Band WiFi 6 – (Black)<br>AX44F-MW-4W: Multi MIMO 4 x Multi-Band WiFi 6 – (White) |                                                                                   |                                                                                     |
| AX43F 3-Element<br>Magnetic / Adhesive Mount<br>Configurations<br>(3-Lead)                                                                                          | AX43F-MB-2CG: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS – (Black)<br>AX43F-MW-2CG: MIMO x 2 Cellular 3G 4G 5G / GPS GNSS – (White)                                                                                                                                                                                                                                                                                           |                                                                                   |                                                                                     |
|                                                                                                                                                                     | AX43F-MB-2CW: MIMO x 2 Cellular 3G 4G 5G / Multi-Band WiFi 6 – (Black)<br>AX43F-MW-2CW: MIMO x 2 Cellular 3G 4G 5G / Multi-Band WiFi 6 – (White)<br><br>AX43F-MB-2WG: MIMO x 2 Multi-Band WiFi 6 / GPS GNSS – (Black)<br>AX43F-MW-2WG: MIMO x 2 Multi-Band WiFi 6 / GPS GNSS – (White)<br><br>AX43F-MB-3W: MIMO 3 x Multi-Band WiFi 6 – (Black)<br>AX43F-MW-3W: MIMO 3 x Multi-Band WiFi 6 – (White)                     |                                                                                   |                                                                                     |