

2.4
GHZ2.4/5.8
GHZ5.8
GHZ

EZMIMO-BTS Antenna Selection

| ANTENNA ITEM# | 15-701 | 15-702 | 15-717 | 15-713 | 15-714 | 15-703-2 | 15-703 | 15-703-5 |
|------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|------------------------------|----------------------------|------------------------------|
| Type | MIMO Sector | MIMO Sector | MIMO Patch | MIMO Omni | MIMO Omni | MIMO Ceiling | MIMO Ceiling | MIMO Ceiling |
| Electrical | 2.4GHz | | | | | | 2.4/5.85GHz | 5.8GHZ |
| Frequency Band | 2300-2700MHz | 2300-2700MHz | 2300-2700MHz | 2400-2500MHz | 2400-2500MHz | 2400-2500MHz | 2.4/5.85GHz | 5150-5850MHz |
| Gain | 2 X 15 dBi | 2 X 16 dBi | 2 X 17 dBi | 2 X 13 dBi | 2 X 10 dBi | 6 dBi | 3.5dbi / 4dbi | 6 dBi |
| Maximum Input Power | 200 W | 200 W | 100 W | 100 W | 100 W | 100 W | 100 W | 100 W |
| Polarization: | Hori / Vert | Hori / Vert | Hori / Vert | Hori / Vert | Hori / Vert | Vertical | Hori / Vert | Vertical |
| AZ/EL Beamwidth: | 120° / 9° | 90° / 9° | 20° / 18° | 360° / 7° | 360° / 12° | 360° / 56° | 360° / 56° or 43° | 360° / 43° |
| Cross-Pol Isolation | 15 dB (min) | 15 dB (min) | 30 dB (min) | 25 dB (max) | 25 dB (max) | 25 dB (max) | 25 dB (max) | 25 dB (max) |
| VSWR 50 ohm: | 1.5:1(max) | 1.5:1(max) | 1.5:1(max) | 1.8:1(max) | 1.8:1(max) | 2.5:1(max) | 1.5:1(max) | 2.5:1(max) |
| Wind Load: | 216 km/h | 216 km/h | 210 km/h | 210 km/h | 210 km/h | 210 km/h | 210 km/h | 210 km/h |
| Mechanical | | | | | | | | |
| Size: | 28" X 5.5" X 1.97" | 28" X 5.5" X 1.97" | 11.8" X 11.8" X 1" | φ3.3" X 45.3" | 3.3" X 31.57" | φ 5.91" X 2.36" | φ 5.91" X 2.36" | φ 5.91" X 2.36" |
| Weight: | 6.6 lbs | 6.6 lbs | 2.97 lbs | 9.9 lbs | 6.6 lbs | 0.55 lbs | 0.55 lbs | 0.55 lbs |
| Connector: | 2 X N Female | 2 X N Female | 2 X N Female | 2 X N Female | 2 X N Female | 3 X N Female | 3 X N Female | 3 X N Female |
| Mounting Kit/Style: | Incl./Pole Mount | Incl./Pole Mount | Incl./Pole Mount | Incl./Pole Mount | Incl./Pole Mount | Incl./Pole Mount | Incl./Pole Mount | Incl./Pole Mount |
| Operating Temperature: | -40° C to 60° C | -40° C to 60° C | -45° C to 65° C | -40° C to 65° C | -40° C to 65° C | -40° C to 65° C | -40° C to 65° C | -40° C to 65° C |
| Material: | ABS | ABS | ABS | ABS | ABS | ABS | ABS | ABS |
| Additional Features: | MIMO 2X2 | MIMO 2X2 | MIMO 2X2 | MIMO 2X2 | MIMO 2X2 | MIMO Ceiling | MIMO Ceiling | MIMO Ceiling |
| Datasheet: | 15-701 PDF | 15-702 PDF | 15-717 PDF | 15-713 PDF | 15-714 PDF | 15-703-2 PDF | 15-703 PDF | 15-703-5 PDF |



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*Specifications are subject to change without notice

4.9-5.8
GHz

5.15-5.9
GHz

EZMIMO-BTS Antenna Selection

| ANTENNA ITEM# | 15-704 | 15-705 | 15-706 | 15-707 | 15-708 | 15-710 | 15-709 | 15-715 | 15-716 | 15-542 |
|------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Type | MIMO Sector | MIMO Sector | MIMO Sector | MIMO Sector | MIMO Dish | MIMO Dish | MIMO Omni | MIMO Omni | MIMO Omni | MIMO Patch |
| Electrical | 4.9GHz-5.8GHz | | | | | | | 5.15GHz-5.85GHz | | 5.15GHz-5.9GHz |
| Frequency Band | 4.9GHz-5.8GHz | 4.9GHz-5.8GHz | 4.9GHz-5.8GHz | 4.9GHz-5.8GHz | 4.95GHz-5.85GHz | 4.95GHz-5.85GHz | 4.9GHz-5.8GHz | 5.15GHz-5.85GHz | 5.15GHz-5.85GHz | 5.4GHz-5.9GHz |
| Gain | 2 X 16 dBi 120° | 2 X 17 dBi 90° | 2 X 19 dBi 120° | 2 X 20 dBi 90° | 2 X 32 dBi 90° | 2 X 29 dBi 360° | 2 X 12 dBi 360° | 2 X 10 dBi 360° | 2 X 13 dBi 360° | 2 X 18 dBi |
| Maximun Input Power | 100 W | 100 W | 100 W | 100 W | 100 W | 100 W | 50 W | 100 W | 100 W | 50 W |
| Polarization: | Hori / Vert | Hori / Vert | Hori / Vert | Hori / Vert | Hori / Vert | Hori / Vert | Hori / Vert | Hori / Vert | Hori / Vert | Hori / Vert |
| AZ/EL Beamwidth: | 120° / 7° | 90° / 7° | 120° / 4° | 90° / 4° | 3.5° / 3.5° | 5° / 5° | 360° / 13° | 360° / 12° | 360° / 7° | 25° / 32° |
| Cross-Pol Isolation | 15 dB (min) | 15 dB (min) | 20 dB (min) | 20 dB (min) | 40 dB (min) | 35 dB (min) | 25 dB (max) | 20 dB (min) | 20 dB (min) | 15 dB (min) |
| VSWR 50 ohm: | 1.5:1 | 1.5:1 | 1.5:1 | 1.5:1 | <1.5:1; MAX 2.0 | 1.5:1 | 1.5:1 | 2.0:1 | 2.0:1 | 1.5:1 |
| Wind Load: | 216 km/h | 216 km/h | 216 km/h | 216 km/h | 216 km/h | 216 km/h | 216 km/h | 210 km/h | 210 km/h | 241 km/h (max) |
| Mechanical | | | | | | | | | | |
| Size: | 17" X 5.4" X 1.8" | 17" X 5.4" X 1.8" | 27.5" X 5.5" X 2" | 27.5" X 5.5" X 2" | φ35.4" | φ23.62" | φ4.09" X 14.57" | φ3.3" X 19.7" | φ3.3" X 23.6" | 9.02" X 9.02" X 2.8" |
| Weight: | 4.4 lbs | 4.4 lbs | 6.6 lbs | 6.6 lbs | 26.45 lbs | 11 lbs | 2.2 lbs | 4 lbs | 4.4 lbs | 6.6 lbs |
| Connector: | 2 X N Female | 2 X N Female | 2 X N Female | 2 X N Female | 2 X N Female | 2 X N Female | 2 X N Female | 2 X N Female | 2 X N Female | 2 X MMCX Male |
| Mounting Kit/Style: | Incl./Pole Mount | Incl./Pole Mount | Incl./Pole Mount | Incl./Pole Mount | Incl./Pole Mount | Incl./Pole Mount | Incl./Pole Mount | Incl./Pole Mount | Incl./Pole Mount | Incl./Pole Mount |
| Operating Temperature: | -45° C to 60° C | -45° C to 60° C | -45° C to 60° C | -45° C to 60° C | -40° C to 60° C | -40° C to 60° C | -45° C to 60° C | -40° C to 65° C | -40° C to 65° C | -45° C to 60° C |
| Material: | ABS | ABS | ABS | ABS | ABS | ABS | ABS | ABS | ABS | ABS |
| Additional Features: | MIMO 2X2 | MIMO 2X2 | MIMO 2X2 | MIMO 2X2 | MIMO 2X2 | MIMO 2X2 | MIMO 2X2 | MIMO 2X2 | MIMO 2X2 | MIMO 2X2 |
| Datasheet: | 15-704 PDF | 15-705 PDF | 15-706 PDF | 15-707 PDF | 15-708 PDF | 15-710 PDF | 15-709 PDF | 15-715 PDF | 15-716 PDF | 15-542 PDF |



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