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Wireless Network Solutions

Base Station Antenna

DeltaNetwork
link the world

Some examples of Specs of BTS Antennas are attached.

- It is possible to design antenna as required by customer.

- If would be advisable for the customer to inform which antenna model / brand they use, including part no - we can cross reference the respective specs and provide appropriate solution

1. **900M 1800M Dualband dual-polarised**
2. 900M Dual-polarised
3. 900M Single-polarised
4. 900M Omni
5. 1800M Dual-polarised
6. 1800M Single-polarised
7. 1900M Dual-polarised

BCW—900/1800/65/60/0/12/14/X

Electrical Data

Frequency	885-960MHz / 1710-1850MHz
VSWR	≤1.5
Gain	≥12dBi / 14dBi
Impedance	50Ω
Polarized	±45° cross polarize
F/B	≥25dB
3dB BW	H：65° ±6° V：34° /18°
Electrical Down Tilt（D）	0°
Maximum Input Power	250W/200W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	200km/h
Working Tempreture	-40℃～+60℃
Weight	20kg
Weight	10 kg
PackingWeight	26Kg
Size	1050mm/300mm/130mm
PackingSize	1310mm/355mm/200mm

（Note: the antennae may be customer-built with fixed EDTO°,3°,6°,9°）

BCW—900/1800/65/60/0/14.5/17.5/X

Electrical Data

Frequency	885-960MHz / 1710-1850MHz
VSWR	≤1.5
Gain	≥14.5dBi / 17.5dBi
Impedance	50Ω
Polarized	±45° cross polarize
F/B	≥25dB
3dB BW	H：65° ±6° V：18° /8°
Electrical Down Tilt（D）	0°
Maximum Input Power	250W/200W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	200km/h
Working Tempreture	-40℃～+60℃
Weight	20kg
Weight	21 kg
PackingWeight	37Kg
Size	2400mm/300mm/130mm
PackingSize	2660mm/355mm/200mm

（Note: the antennae may be customer-built with fixed EDT0°,3°,6°,9°）

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1. 900M 1800M Dualband dual-polarised
2. **900M Dual-polarised**
3. 900M Single-polarised
4. 900M Omni
5. 1800M Dual-polarised
6. 1800M Single-polarised
7. 1900M Dual-polarised

BCW—900/30/0/20/X

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥20dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥27dB
3dB BM	H：32° ±4° V：8°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40° ～+60°
Weight	Kg
Packing Weight	Kg
Size	2518mm/300mm/130mm
Packing Size	2800mm/670mm/240mm

（Note: the antennae may be customer-built with fixed EDTO°,3°,6°,9°）

BCW—900/65/0/17.5/X

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥17.5dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥25dB
3dB BM	H：65° ±6° V：8°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40° ～+60°
Weight	kg
Packing Weight	Kg
Size	2750mm/300mm/130mm
Packing Size	3010mm/355mm/200mm

（Note: the antennae may be customer-built with fixed EDTO°,3°,6°,9°）

BCW—900/65/0/17/X

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥17dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥25dB
3dB BM	H：65° ±6° V：9°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40° ～+60°
Weight	kg
Packing Weight	Kg
Size	2400mm/300mm/130mm
Packing Size	2660mm/355mm/200mm

（Note：the antennae may be customer-built with fixed EDT0°,3°,6°,9°）

BCW—900/65/0/16.5/X

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥17.5dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥25dB
3dB BM	H：65° ±6° V：10.5°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40° ～+60°
Weight	kg
Packing Weight	Kg
Size	2750mm/300mm/130mm
Packing Size	3010mm/355mm/200mm

（Note：the antennae may be customer-built with fixed EDTO°,3°,6°,9°）

BCW—900/65/0/15/X

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥15dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥25dB
3dB BM	H：65° ±6° V：16°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40° ～+60°
Weight	kg
Packing Weight	Kg
Size	1380mm/300mm/130mm
Packing Size	1640mm/355mm/200mm

（Note：the antennae may be customer-built with fixed EDTO°，3°，6°，9°）

BCW—900/65/0/12/X

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥12dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥25dB
3dB BM	H：65° ±6° V：34°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40° ～+60°
Weight	kg
Packing Weight	Kg
Size	886mm/300mm/130mm
Packing Size	1150mm/355mm/200mm

（Note：the antennae may be customer-built with fixed EDTO°,3°,6°,9°）

BCW—900/65/0/9/X

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥9dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥25dB
3dB BM	H：65° ±6° V：68°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40° ～+60°
Weight	kg
Packing Weight	Kg
Size	300mm/300mm/131mm
Packing Size	500mm/355mm/200mm

（Note：the antennae may be customer-built with fixed EDTO°,3°,6°,9°）

BCW—900/90/0/16.5/X

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥16.5dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥23dB
3dB BM	H：90° ±8° V：7°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40° ～+60°
Weight	Kg
Packing Weight	Kg
Size	2750mm/200mm/134mm
Packing Size	3020mm/270mm/215mm

（Note：the antennae may be customer-built with fixed EDTO°，3°，6°，9°）

BCW—900/90/0/16/X

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥16dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥23dB
3dB BM	H：90° ±8° V：8°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40° ～+60°
Weight	Kg
Packing Weight	Kg
Size	2600mm/200mm/134mm
Packing Size	2868mm/270mm/215mm

（Note：the antennae may be customer-built with fixed EDTO°,3°,6°,9°）

BCW—900/90/0/15/X

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥16.5dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥23dB
3dB BM	H：90° ±8° V：10.5°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40° ～+60°
Weight	Kg
Packing Weight	Kg
Size	2088mm/200mm/134mm
Packing Size	2358mm/270mm/215mm

（Note：the antennae may be customer-built with fixed EDTO°，3°，6°，9°）

BCW—900/90/0/14/X

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥14dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥23dB
3dB BM	H：90° ±8° V：15°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40° ～+60°
Weight	Kg
Packing Weight	Kg
Size	1488mm/200mm/134mm
Packing Size	1760mm/270mm/215mm

（Note：the antennae may be customer-built with fixed EDTO°，3°，6°，9°）

BCW—900/90/0/10.5/X

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥10.5dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥23dB
3dB BM	H：90° ±8° V：34°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40° ～+60°
Weight	Kg
Packing Weight	Kg
Size	653mm/200mm/134mm
Packing Size	925mm/270mm/215mm

（Note：the antennae may be customer-built with fixed EDTO°，3°，6°，9°）

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- If would be advisable for the customer to inform which antenna model / brand they use, including part no - we can cross reference the respective specs and provide appropriate solution

1. 900M 1800M Dualband dual-polarised
2. 900M Dual-polarised
3. **900M Single-polarised**
4. 900M Omni
5. 1800M Dual-polarised
6. 1800M Single-polarised
7. 1900M Dual-polarised

BCW—900/65/0/15/V

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥15dBi
Impedance	50Ω
Polarize	Vertical
F/B	≥25dB
3dB BM	H：65°±6°　V：16°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	200km/h
Weight	22kg
Packing Weight	38kg
Size	1280mm/265mm/132.5mm
Packing Size	1545mm/315mm/210mm

（Note: the antennae may be customer-built with fixed EDT0°,3°,6°,9°）

BCW—900/65/0/17.5/V

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥17.5dBi
Impedance	50Ω
Polarize	Vertical
F/B	≥25dB
3dB BM	H：65°±6°　V：8°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	200km/h
Weight	22kg
Packing Weight	38kg
Size	2480mm/265mm/132.5mm
Packing Size	2740mm/315mm/210mm

（Note: the antennae may be customer-built with fixed EDTO°,3°,6°,9°）

BCW—900/65/0/17/V

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥17dBi
Impedance	50Ω
Polarize	Vertical
F/B	≥25dB
3dB BM	H：65°±6°　V：9°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	200km/h
Weight	21kg
Packing Weight	37kg
Size	2240mm/265mm/132.5mm
Packing Size	2500mm/315mm/210mm

（Note: the antennae may be customer-built with fixed EDTO°,3°,6°,9°）

BCW—900/65/0/16.5/V

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥16.5dBi
Impedance	50Ω
Polarize	Vertical
F/B	≥25dB
3dB BM	H：65°±6°　V：10.5°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	200km/h
Weight	18.5kg
Packing Weight	34.5kg
Size	1830mm/265mm/132.5mm
Packing Size	2090mm/315mm/210mm

（Note: the antennae may be customer-built with fixed EDTO°,3°,6°,9°）

BCW—900/90/0/16.5/V

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥16.5dBi
Impedance	50Ω
Polarize	Vertical
F/B	≥23dB
3dB BM	H：90°±8°　V：7°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	200km/h
Weight	21.5kg
Packing Weight	37.5kg
Size	2400mm/265mm/132.5mm
Packing Size	2660mm/315mm/210mm

（Note: the antennae may be customer-built with fixed EDTO°,3°,6°,9°）

BCW—900/90/0/16/V

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥16dBi
Impedance	50Ω
Polarize	Vertical
F/B	≥23dB
3dB BM	H：90° ±8°　V：8°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	200km/h
Weight	20kg
Packing Weight	36kg
Size	2158mm/265mm/132.5mm
Packing Size	2420mm/315mm/210mm

（Note: the antennae may be customer-built with fixed EDTO°,3°,6°,9°）

BCW—900/90/0/15/V

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥15dBi
Impedance	50Ω
Polarize	Vertical
F/B	≥23dB
3dB BM	H：90°±8°　V：10.5°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	200km/h
Weight	19kg
Packing Weight	35kg
Size	1950mm/265mm/132.5mm
Packing Size	2210mm/315mm/210mm

（Note: the antennae may be customer-built with fixed EDTO°,3°,6°,9°）

BCW—900/105/0/15/V

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥15dBi
Impedance	50Ω
Polarize	Vertical
F/B	≥20dB
3dB BM	H：105°±10°　V：9°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	200km/h
Weight	22kg
Packing Weight	38kg
Size	2558mm/200mm/134mm
Packing Size	2825mm/270mm/215mm

（Note: the antennae may be customer-built with fixed EDTO°,3°,6°,9°）

BCW—900/120/0/15/V

Electrical Data

Frequency	885-960MHz
VSWR	≤1.5
Gain	≥15dBi
Impedance	50Ω
Polarize	Vertical
F/B	≥18dB
3dB BM	H：120°±10° V：9°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	200km/h
Weight	22kg
Packing Weight	38kg
Size	2280mm/200mm/134mm
Packing Size	2550mm/270mm/215mm

（Note: the antennae may be customer-built with fixed EDTO°,3°,6°,9°）

Some examples of Specs of BTS Antennas are attached.

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- If would be advisable for the customer to inform which antenna model / brand they use, including part no - we can cross reference the respective specs and provide appropriate solution

1. 900M 1800M Dualband dual-polarised
2. 900M Dual-polarised
3. 900M Single-polarised
4. **900M Omni**
5. 1800M Dual-polarised
6. 1800M Single-polarised
7. 1900M Dual-polarised

WT30-900/360/0/11/V

Electrical Data

Frequency	885～960MHz
VSWR	≤1.4
Gain	≥11dBi
Non-Circularity	±1.0dB
Impedance	50Ω
Polarize	Vertical
3dB BW	H：360° V：6.5°
Electrical Down Tilt	0°
Maximum Input Power	500W
IMD3	≤-107dBm @ 2×43dBm

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40℃～+60℃
天线 Weight	8 kg
Packing Weight	9.5kg
Diameter	51mm
Height	3230mm
Packing Size	Φ90×3750mm

（Note: the antennae may be customer-built with fixed EDT0°,3°）

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- If would be advisable for the customer to inform which antenna model / brand they use, including part no - we can cross reference the respective specs and provide appropriate solution

1. 900M 1800M Dualband dual-polarised
2. 900M Dual-polarised
3. 900M Single-polarised
4. 900M Omni
5. **1800M Dual-polarised**
6. 1800M Single-polarised
7. 1900M Dual-polarised

BCW—1800/65/0/9/X

Electrical Data

Frequency	1710-1850MHz
VSWR	≤1.5
Gain	≥9dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥28dB
3dB BM	H：65° ±6° V：68°
Electrical Down Tilt	0°
Maximum Input Power	200W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40℃～+60℃
Weight	1 kg
Packing Weight	17kg
Size	200mm/180mm/70mm
Packing Size	405mm/245mm/180mm

（Note: the antennae may be customer-built with fixed EDT0°,3°,6°,9°）

BCW—1800/65/0/15/X

Electrical Data

Frequency	1710-1850MHz
VSWR	≤1.5
Gain	≥15dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥28dB
3dB BM	H：65° ±6° V：16°
Electrical Down Tilt	0°
Maximum Input Power	200W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40℃～+60℃
Weight	2.4 kg
Packing Weight	18.4kg
Size	840mm/180mm/70mm
Packing Size	1055mm/245mm/180mm

（Note: the antennae may be customer-built with fixed EDT0°,3°,6°,9°）

BCW—1800/65/0/16/X

Electrical Data

Frequency	1710-1850MHz
VSWR	≤1.5
Gain	≥16dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥28dB
3dB BM	H：65° ±6° V：9°
Electrical Down Tilt	0°
Maximum Input Power	200W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40℃～+60℃
Weight	2.5 kg
Packing Weight	18.5kg
Size	870mm/180mm/70mm
Packing Size	1085mm/245mm/180mm

（Note: the antennae may be customer-built with fixed EDT0°,3°,6°,9°）

BCW—1800/65/0/16.5/X

Electrical Data

Frequency	1710-1850MHz
VSWR	≤1.5
Gain	≥16.5dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥28dB
3dB BM	H：65° ±6° V：10.5°
Electrical Down Tilt	0°
Maximum Input Power	200W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40℃～+60℃
Weight	3 kg
Packing Weight	19kg
Size	900mm/180mm/70mm
Packing Size	1115mm/245mm/180mm

（Note: the antennae may be customer-built with fixed EDT0°,3°,6°,9°）

BCW—1800/1900/65/0/17/X

Electrical Data

Frequency	1710-1990MHz
VSWR	≤1.5
Gain	≥17dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥28dB
3dB BM	H：65° ±6° V：10°
Electrical Down Tilt	0°
Maximum Input Power	200W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40℃～+60℃
Weight	3.5 kg
Packing Weight	19.5kg
Size	1400mm/180mm/70mm
Packing Size	1615mm/245mm/180mm

（Note: the antennae may be customer-built with fixed EDT0°,3°,6°,9°）

BCW—1800/65/0/17.5/X

Electrical Data

Frequency	1710-1850MHz
VSWR	≤1.5
Gain	≥17.5Bi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥28dB
3dB BM	H：65° ±6° V：8°
Electrical Down Tilt	0°
Maximum Input Power	200W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40℃～+60℃
Weight	3.8 kg
Packing Weight	18.8kg
Size	1469mm/180mm/70mm
Packing Size	1684mm/245mm/180mm

（Note: the antennae may be customer-built with fixed EDT0°,3°,6°,9°）

BCW—1800/65/0/18/X

Electrical Data

Frequency	1710-1850MHz
VSWR	≤1.5
Gain	≥18dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥28dB
3dB BM	H：65° ±6° V：7°
Electrical Down Tilt	0°
Maximum Input Power	200W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40℃～+60℃
Weight	4 kg
Packing Weight	19kg
Size	1450mm/180mm/70mm
Packing Size	1684mm/245mm/180mm

（Note: the antennae may be customer-built with fixed EDT0°,3°,6°,9°）

BCW—1800/90/0/16/X

Electrical Data

Frequency	1710-1850MHz
VSWR	≤1.5
Gain	≥16Bi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥28dB
3dB BM	H：90° ±8° V：9°
Electrical Down Tilt	0°
Maximum Input Power	200W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40℃～+60℃
Weight	3.8 kg
Packing Weight	18.8kg
Size	1634mm/265mm/132.5mm
Packing Size	1900mm/315mm/210mm

（Note: the antennae may be customer-built with fixed EDT0°,3°,6°,9°）

Some examples of Specs of BTS Antennas are attached.

- It is possible to design antenna as required by customer.

- If would be advisable for the customer to inform which antenna model / brand they use, including part no - we can cross reference the respective specs and provide appropriate solution

1. 900M 1800M Dualband dual-polarised
2. 900M Dual-polarised
3. 900M Single-polarised
4. 900M Omni
5. 1800M Dual-polarised
6. **1800M Single-polarised**
7. 1900M Dual-polarised

BCW—1800/90/0/16/V

Electrical Data

Frequency	1710-1850 MHz
VSWR	≤1.5
Gain	≥16dBi
Impedance	50Ω
Polarize	Vertical
F/B	≥23dB
3dB BM	H：90°±8°　V：8°
Electrical Down Tilt	0°
Maximum Input Power	200W
IMD3	≤-107dBm @ 2×43dBm

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	200km/h
Ice Thickness	10mm
Working Temperature	-40℃～+60℃
Weight	2.5kg
Packing Weight	18kg
Size	1550mm/180mm/70mm
Packing Size	1765mm/245mm/180mm

（Note：the antennae may be customer-built with fixed EDT0°,3°,6°,9°）

Some examples of Specs of BTS Antennas are attached.

- It is possible to design antenna as required by customer.

- If would be advisable for the customer to inform which antenna model / brand they use, including part no - we can cross reference the respective specs and provide appropriate solution

1. 900M 1800M Dualband dual-polarised
2. 900M Dual-polarised
3. 900M Single-polarised
4. 900M Omni
5. 1800M Dual-polarised
6. 1800M Single-polarised
7. **1900M Dual-polarised**

BCW—1900/65/0/18/X

Electrical Data

Frequency	1850-1990MHz
VSWR	≤1.5
Gain	≥18dBi
Impedance	50Ω
Polarize	±45° Cross Polarize
F/B	≥25dB
3dB BM	H：65° ±6° V：7.5°
Electrical Down Tilt	0°
Maximum Input Power	200W
IMD3	≤-107dBm @ 2×43dBm
ISO（dB）	≥28
Cross-Polar Discrimination（dB）	≥15

Mechanical Data

Interface	DIN 7/16” Female or N type Female
Maximum Wind Speed	55m/s
Ice Thickness	10mm
Working Temperature	-40℃～+60℃
Weight	3.5 kg
Packing Weight	19kg
Size	1480mm/235mm/90mm
Packing Size	1745mm/285mm/160mm

（Note: the antennae may be customer-built with fixed EDT0°,3°,6°,9°）