

# CONSTELLATION CLASS ANTENNA RANGE CONNECTIVITY WITHOUT COMPROMISE

# SYNZEN



Welcome to the next level of innovation with Synzen - our enhanced Constellation Class Antennas range. We have now introduced four new additions, each incorporating groundbreaking technology, set to push the boundaries of how we perceive and utilize communication technology.



5G | NB-IoT | 4G LTE | GNSS | BLE | ISM

Our newly launched antennas are compact, sleek, and intelligently designed to optimize functionality with small ground planes and compact devices. Despite their compact size, they pack a powerful punch when it comes to performance, effectively challenging and changing the traditional antenna landscape.

These new members of the Constellation Class range excel in offering unparalleled connectivity across the spectrum, be it 4G, 5G, or NB-IoT. No matter your location or the device you're using, these antennas ensure that you stay connected, always. Their reduced size is not a compromise but a strategic advantage, proving that effective connectivity isn't always about size but about smarter, more efficient design.

Experience this breakthrough in wireless communication with Synzen's extended Constellation Class Antennas. We're not just offering you a product, but a transformation in how you connect and communicate.



## CAPH | Micro Flexible Self-Adhesive Antenna with Cable | 4G LTE / NB-IoT

	Part No. / Name	Size (mm)	Frequency (MHz)	Efficiency Avg (%)	Peak Gain (dBi)
	CAPH SZK-C-3L30 <a href="#">Click for Datasheet</a>	30.0 x 15.0 x 0.2	698-960 1525-1660 1710-2200 2300-2400 2500-2690	>55 >60 >75 >75 >60	4.50 3.10 4.50 4.20 3.50

## EARENDEL | Micro Flexible Self-Adhesive Antenna with Cable | 4G LTE / NB-IoT

	Part No. / Name	Size (mm)	Frequency (MHz)	Efficiency Avg (%)	Peak Gain (dBi)
	EARENDEL SZK-C-2L28 <a href="#">Click for Datasheet</a>	50.0 x 8.5 x 0.2	698-960 1525-1660 1710-2200 2300-2400 2500-2690	>65 >75 >70 >75 >70	3.50 4.10 3.90 4.20 4.30

## PETRA2 | Micro Flexible Self-Adhesive Antenna with Cable | 4G LTE / NB-IoT

	Part No. / Name	Size (mm)	Frequency (MHz)	Efficiency Avg (%)	Peak Gain (>dBi)
	PETRA2 SZK-C-3L32 <a href="#">Click for Datasheet</a>	44.0 x 15.0 x 0.2	698-960 1427-1660 1710-2200 2300-2400 2500-2690	>55 >60 >75 >80 >65	2.90 3.80 4.15 3.45 2.60

## ALUDRA | Micro Flexible Self-Adhesive Antenna with Cable | 5G 4G LTE / NB-IoT

	Part No. / Name	Size (mm)	Frequency (MHz)	Efficiency Avg (%)	Peak Gain (dBi)
	ALUDRA SZK-C-3L31 <a href="#">Click for Datasheet</a>	44.0 x 15.0 x 0.2	617-960 1525-1660 1710-2200 2300-2400 2500-2690 3300-4200	>55 >65 >65 >75 >75 >70	4.20 4.70 4.44 4.83 4.69 5.30

Cutting-edge 4G LTE/NB-IoT solutions, each bearing distinct form factors. Designed to meet the diverse needs of modern devices, these antennas provide exceptional connectivity while fitting perfectly into different design structures.

The fourth new addition brings the power of 5G to the Constellation Class range. This antenna is a trailblazer, designed to harness the incredible speed and reliability of 5G technology, providing seamless connectivity like never before.

But we understand that the world of wireless technology can be complex. Choosing the right antenna for your specific needs is critical to achieving optimal performance. This is where we step in. Our team of experts is at your service to help guide you towards the perfect choice for your design.



## Contact Us

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