

## A-Core Container

# 5G Small Base Station Communications Procurement



## Overview

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What is a CableFree 5G small cell base station?

All of the the CableFree range of Small Cell products feature latest generation technology and upgradable features for future-proof networking and performance. CableFree 5G Small Cell Base Stations offer advanced features and “stand alone” capability for private 5G networks.

What is a 5G small cell gnodeb base station?

5G Small Cell gNodeB base stations from CableFree, part of the Emerald range of Base Station and core EPC products featuring advanced cellular technology. All of the the CableFree range of Small Cell products feature latest generation technology and upgradable features for future-proof networking and performance.

Does CableFree offer a 5Ghz base station?

CableFree offers Band 46 5GHz LTE Base Station and Outdoor CPE devices for 4G/LTE operation in Unlicensed 5GHz spectrum, enabling smaller operators and private customers to build LTE without requiring access to licensed spectrum. Band 46 covers 5150 – 5925MHz and uses TDD-LTE technology. Contact CableFree for details.

Do 5G SBS antenna designs improve performance and compactness?

As networks become more complex and 5G systems require more network coverage, implementing several antenna designs in SBSs presents unique challenges related to performance and compactness. This paper discusses 5G SBS antenna designs that have been proposed recently and studies their characteristics with the parameters that enhance the performance.

Are open ran systems suited for private 5G networks?

Open RAN architectures utilizing small cells are one deployment scenario that can be particularly well-suited for the private 5G networks. This is because

open systems provide a broad range of options for vendors and operators to tailor solutions that best meet individual customer needs.

What is a CableFree 4G & 5G LTE small cell?

The CableFree 4G/5G LTE Small Cell includes are typically offered in 2×2 or 4×4 MIMO versions, which are usually co-located in suitable locations with a choice of Omnidirectional, Patch or Sector Antennas. CableFree 5G supports the very latest in LTE 4G & 5G specifications, including: Standard S1AP and GTP-U interfaces to Core Network.

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### Contact Us

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For catalog requests, pricing, or partnerships, please visit:  
<https://www.a-core.pl>