

DKTCOMEGA



**CREATE
HAPPY
CUSTOMERS**



FTTH Gateways



WiFi mesh

DKT



THE MOST FLEXIBLE FTTH TERMINATION IN THE INDUSTRY

The DKT Gateway is great flexibility in a small form factor! The small form factor and its easy installation and modularity, makes our solution the most flexible Gateway with optimized handling/efficiency in the industry.

The solution implies that fiber termination and service activation occur as part of the operator's "demarcation point" to the end-customer. It is built in a way that allows the end-customer to perform the activation when they receive the active device.

The combined solution for FTU and Gateway is formed in an extremely compact form factor, **88 x 88 x 65 mm**, and will be regarded by the customer as any other outlet, such as power or telephone.





WHAT IS THE SECRET?

THE KEY:

A technology “agnostic” design and possible service activation by the end-user.

CLAIM:

A separation in Layer 1, 2 and 3 will make a better business case and user experience.

WHY?

- Flexibility and scalability in roll-out and upgrades.
- Better lifetime/depreciation.
- Decreased truck roll/OPEX.
- Improved customer satisfaction/churn.
- Reduced call center cost and truck roll.

The solution will work with any 3rd party products, resulting in optimized interoperability and flexibility, better Wi-Fi coverage and better sourcing opportunities.





WHAT IS A NEUTRAL FIBER SOLUTION?

A cost effective base installation allows for deployment to every household early in the planning phase.

The DKT philosophy is to separate the basic FTU media converter functionality from the Service Boxes, making a neutral simple demarcation point from the customer In-home network to the distribution network.

DKT's FTUs consist of a neutral base in which fiber can be mounted, connected and terminated. The active gateway is designed as a click-on interface with the possibility for end-user activation.

Find more info via
WWW.DKTCOMEGA.COM



PRODUCT FEATURE OVERVIEW

DKT has developed a series of Fiber Termination Units (FTUs)/ gateways with a click-on interface suitable for Gigabit point-to-point.

Our solution offers Operating Expenses (OPEX) reductions due to:

- Less technician work
- Customer Do-It-yourself (DIY) –fiber DIY available as an option
- Neutral design and technology agnostic FTU
- Layer-2 functionality suitable for 2-box solutions

High level features for the active unit includes:

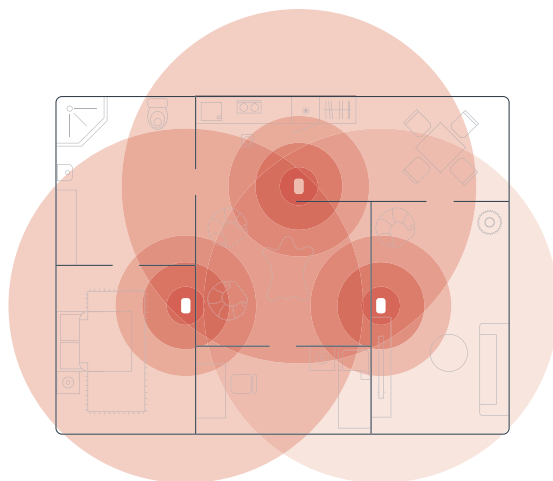
- 100/1000Mbps auto sense fiber WAN
- 1 or 4x 10/100/1000Mbps RJ-45 LAN
- Comprehensive gigabit switch engine with support for VLANs, Q-in-Q, QoS, IGMP, jumbo frames and traffic shaping and manipulation
- CATV-Rx as an option, with high power output, suitable for in-home TV distribution
- 5V external PSU





DKT WAVE2 CREATES HAPPY CUSTOMERS AND MINIMIZES OPERATOR CHURN

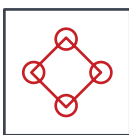
You know the problem; frustrated customers and high expenses for support, because your customers experience problems with their WiFi connection.



THE SOLUTION TO YOUR CUSTOMERS' WIFI PROBLEMS

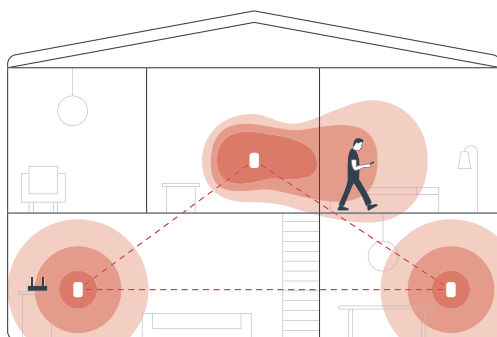
DKT introduces the **DKT WAVE2 mesh product range**. Our products create a robust and stable wireless network with customer ease of use in mind, using the in-home cabling infrastructure or WiFi as backbone.

The 4751x family is composed of three distinct products designed to extend network connectivity at home, using WiFi, MoCA or G.hn as backhaul. Using the Qualcomm Self Organizing Network (SON) technology, that allows **multiple access points** to be connected in a mesh structure.



WHY MESH TECHNOLOGY IS THE FUTURE FOR THE HOME NETWORK

A mesh network can be defined as a Self-healing, self-forming and self-optimizing network of mesh nodes, where the nodes intercommunicate using smart routing protocols, and select an optimal path to relay the data from one point to another.



The technology creates a stable, robust network, ensuring the WiFi network in every corner of the house. Combined with the **Wave2** technology, the mesh network ensures that the customer experiences the full speed of the connection provided by the operator.

This creates happy customers, and minimizes customer calls and churn.

“As the number of client devices in a home network increases exponentially each year, the focus amongst operators to improve WiFi performance must follow”

- Christian Emborg, CEO DKT A/S





WHY YOU SHOULD CHOOSE DKT WAVE2 FOR YOUR WIFI SOLUTION

With the DKT WAVE2 product line, DKT offers not only top of the art WiFi technology, we also take care of customer support as an option, and provide a state of the art web portal with tutorials, tips and tricks that allow them to take ownership of their home network, minimizing the pressure on your own support function.

Good WiFi creates happy and more loyal customers!



For further information, visit
WWW.DKTWAVE2.COM

Or read more of our products at:
WWW.DKTCOMEGA.COM/WAVE2

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