

MASTERLINE Extreme Hybrid & Power

Designed for new 5G Advanced and 6G capabilities

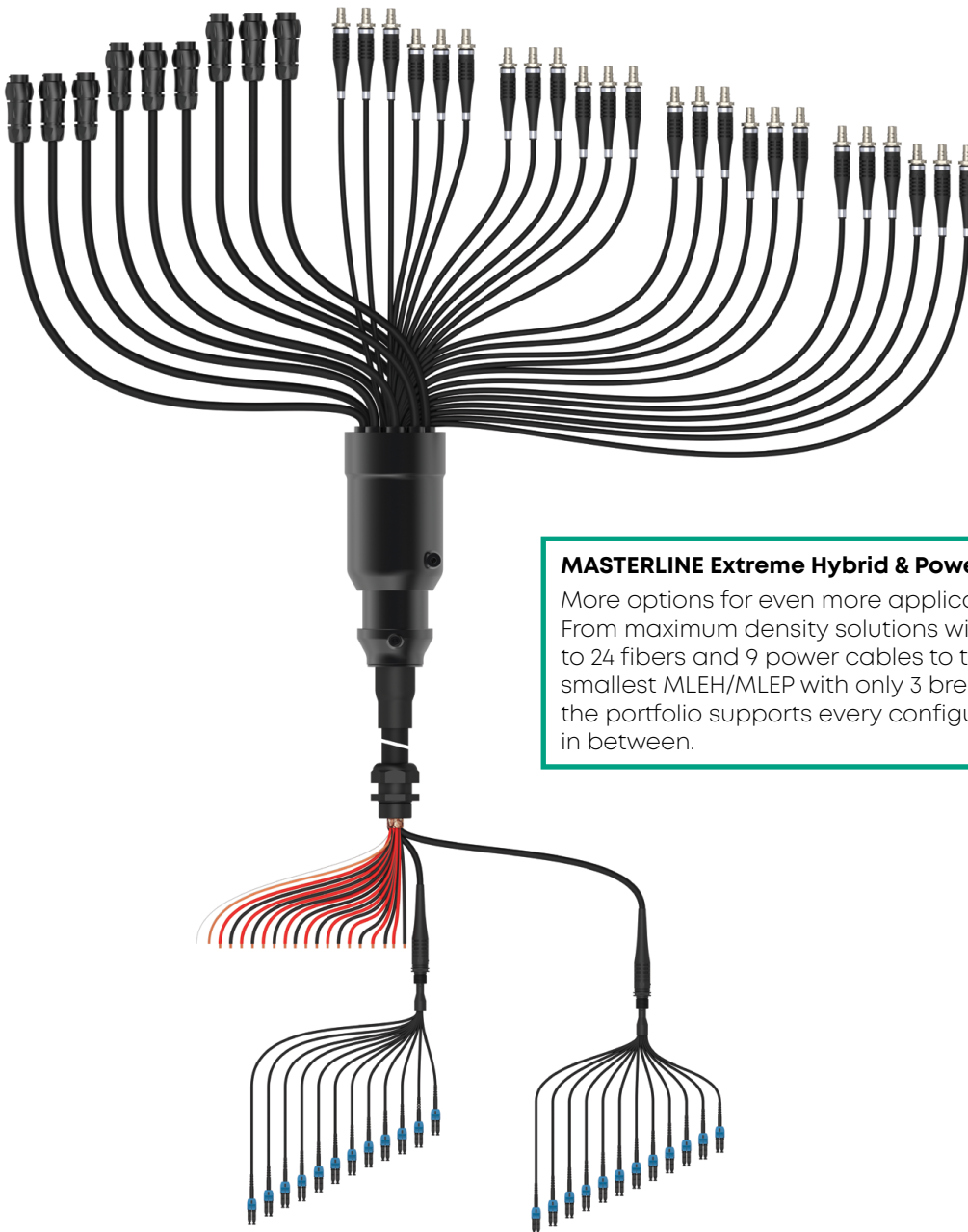
Edition 02/26

Built for today. Ready for what's next.

Designed for new 5G Advanced and 6G capabilities

The new HUBER+SUHNER MASTERLINE Extreme Hybrid (MLEH) and MASTERLINE Extreme Power (MLEP) cable systems have been enhanced with more modular, scalable and future proof solutions built for the demands of 5G Advanced and emerging 6G networks.

Developed since 2012 to deliver top performance with minimal installation requirements, MLEH and MLEP provide smooth routing from the Baseband Unit (BBU) to the Remote Radio Head (RRH). The MLEH utilises spliceless fiber routing and durable ODC connectors—a comprehensive range of robust fiber optic connectors designed for harsh environments—ensuring dependable, easy connectivity for RRH/AAU applications.



MASTERLINE Extreme Hybrid & Power

More options for even more applications: From maximum density solutions with up to 24 fibers and 9 power cables to the smallest MLEH/MLEP with only 3 breakouts, the portfolio supports every configuration in between.



Unleash site potential with more fiber, more power and more flexibility than ever before

The MLEH cabling system is purpose-built to unleash site potential, offering a versatile and efficient solution that enables faster installations, higher radio capacity, and future-proof performance for 5G Advanced and 6G.

Key advantages



More fiber

Up to 24 fiber breakouts enabled by a patented spliceless divider for quicker, error free installations.



More power

Larger copper cross sections deliver up to 3'300 W. Certified operation beyond 75 V DC and 230 V AC for next generation performance.



More flexibility

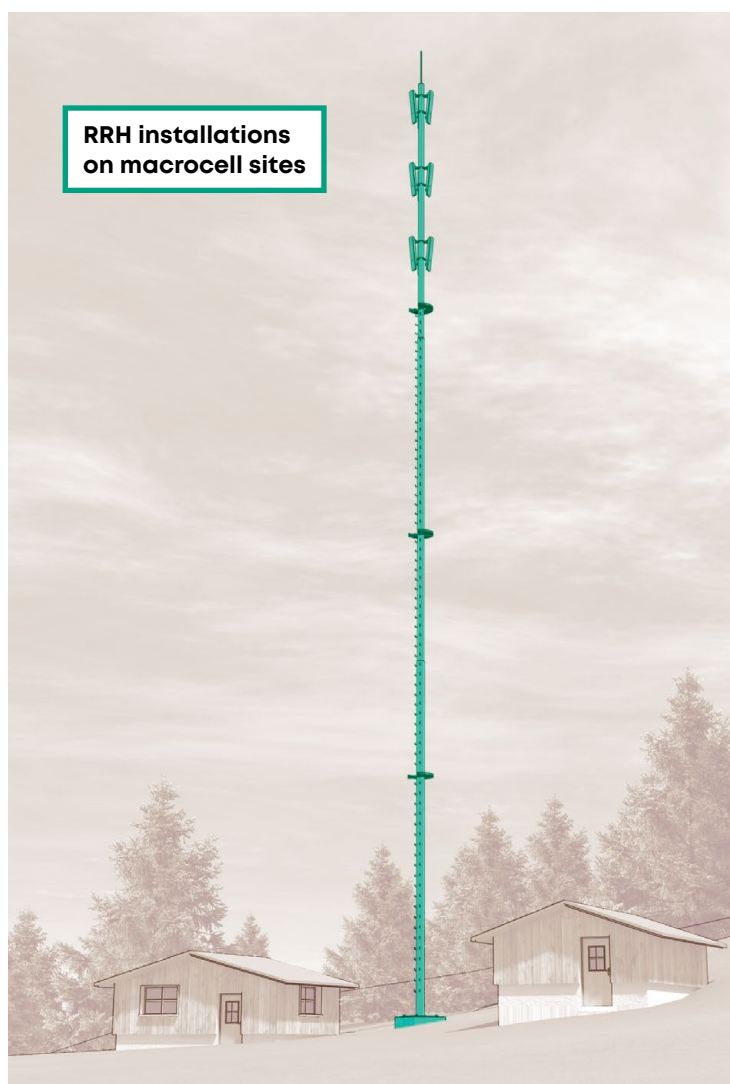
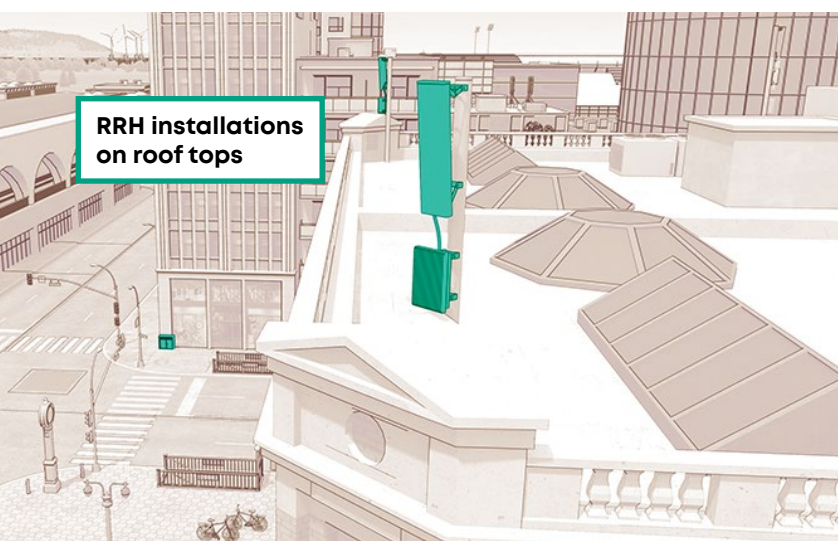
Modular housings enable fast, customer specific configurations, while the space-saving design and full OEM agnostic compatibility allow for any site requirement, including protection against birds or rodents. Operations in Mexico, Poland, and China allow for global production and support.



More sustainability

A power-splitter architecture avoids significant current derating due to the NEC/NFPA (USA regulation), thus enabling copper savings of up to 37%. The modular solution also supports efficient AC options using compact 10 AWG / 4mm² conductors for a lighter, greener installation.

Applications: Remote Radio Head (RRH) installations





Connecting – today and beyond

About HUBER+SUHNER

We are a leading global supplier of components and systems solutions. With our broad range of products and deep know-how, we serve the industry, communications and transportation markets with applications from the three technologies of radio frequency, fiber optics and low frequency. And as a global company with a presence in over 80 countries, we stay close to our customers. Always.

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HUBER+SUHNER is certified according to ISO 9001, ISO 14001, OHSAS 18001, EN(AS) 9100, IATF 16949 and ISO/TS 22163 – IRIS.

Waiver

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