



## New Radiating Cables for WLAN and 5G mobile communications

Kabelwerk **EUPEN AG** is expanding its **EUCARAY®** product portfolio with two new Radiating Cables for frequency ranges up to 6 GHz.

Driverless transport systems, production lines and high-bay warehouses are increasingly being equipped with radio systems using radiating cables. This allows on the one hand the **reliable transmission** of monitoring and logistics information and on the other hand a **trouble-free and secure communication** with driverless mobile devices of all kinds.

Within closed areas such as tunnels, trains, buildings, mines or in production facilities, radiating cables allow a **very homogeneous** and **uninterrupted wireless coverage**.

The two newly introduced radiating cables are designed for the frequency ranges above 2.4 GHz and especially optimized for the 3.5 GHz and 5 GHz bands. They thus support radio technologies such as **WLAN** or **Bluetooth**, but also **the new 5G mobile radio standard**.

The **new EUCARAY® Radiating Cable type RMC12-EH** is a further development of the previous RMC12-CH and features very low coupling losses from 2.4 GHz up to 6 GHz. This allows the cable to be used also for radio applications in the frequency bands of the new 5G mobile radio standard.

The **new EUCARAY® Radiating Cable type RMC58-CH** has a diameter of 5/8", which is slightly larger than the usual 1/2". This results in lower longitudinal attenuation while maintaining the good flexibility of the cable. Compared to a 1/2" cable, this gain in attenuation makes it possible to achieve uninterrupted wireless coverage over longer sections.

For more information and data sheets please visit [www.eupen.com](http://www.eupen.com) or [www.eucaray.com](http://www.eucaray.com)

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