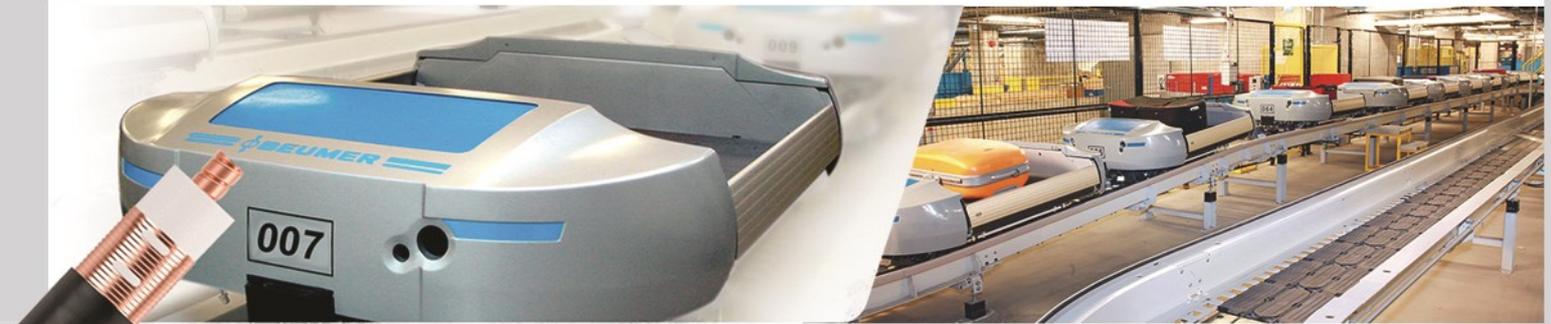




Kabelwerk **EUPEN** AG
cable



autover® Baggage Handling System



Eupen delivers WLAN optimised Radiating Cables

Customer BEUMER Group GmbH & Co. KG

Situation The BEUMER autover® system is the answer to the challenge of modern airport baggage handling systems. It includes a simple static sensor- and driverless rail as well as a number of smart BEUMER autoca®. Outstanding features of this system are the high availability and the minimal maintenance costs due to the contactless power supply and the permanent addressability of the BEUMER autoca®. The baggage handling system carries out the function of conveying, accumulating and sorting of baggage with high reliability and speeds up to 10 m/s.

Supervised by a microcomputer, the BEUMER autoca® is able to find its paths autonomously through the system by means of the on-board route manager. Due to the route mapping principle and the simple rail system, an extension of the system can be realized easily and cost efficiently at any time.

Challenges To allow efficient wireless communication between the autover® vehicles and the central processing unit and minimise the interference from and to other Wireless users in the vicinity, the Beumer autover® system required a very short distance between the Radiating Cable and the Aerials of the vehicles.

Solution

Having been invited to assist Beumer right from the beginning of the developments of the autover® system, a very good and close relationship between the two companies has grown with time.

A number of assisted on-site tests carried out by EUPEN RF-Specialists at the BEUMER Development Centre, paired with the willingness to “think outside the box” on technical matters and professionalism of the EUPEN Sales Team, led to EUPEN Cable being chosen as the sole supplier of the Radiating Cables that are required in each autover® system.

EUPEN supplies specially developed RMC 12-HLFR Radiating Cable, that are mounted directly into the Rail and enables so called Near Effect communication between the autover® vehicles and the central processing unit.



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