LIGHT-WEIGHT BROADBAND BLADE ANTENNA WHITE PAPER







One of the projects the PIDSO team worked on was in cooperation with our partner company Riedel Communications to provide the Deutsche Tourenwagen Masters (DTM) with specially tailored antennas for their race cars. There were many requirements that we had to fulfill in order to meet the high demands, both those of Riedel and those of the DTM organization.

To meet these requirements, we developed the SDI.003-00A broadband blade antenna, which has been in use at DTM ever since.

They are optimally suited to be integrated in Riedel's new audio broadcast system and were able to enhance the quality of the DTM's race car driver communication enormously and furthermore their driver's safety.

It's ideally suited to be integrated into Riedel's new audio broadcast system and, in addition, the quality of driver communication could be improved enormously, and driver safety could be increased. From prototype design to volume production, there were many challenges we had to face and overcome, such as a very tight deadline, optimal design within the given constraints, ensuring reliability, durability of the antenna under extreme conditions due to the high speed of the race car and the strong vibrations of the V10 turbo engines.



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PREVIEW

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