

NEUTRIK *opticalCON DUO*

Success Story – SNG application SKY Sport

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SKY Sport from Unterföhring in Germany has the strongest portfolio of sports rights on German television and is number one for all football fans with the best international and national football. They also show Formula 1, tennis tournaments with Wimbledon and ATP Masters, as well as all golf majors and much more.

When deciding to set up a modern fleet of SNGs for live sports productions and for the daily program "Sky Sport News", the clear goal was to equip the vehicles with the latest fiber technologies.

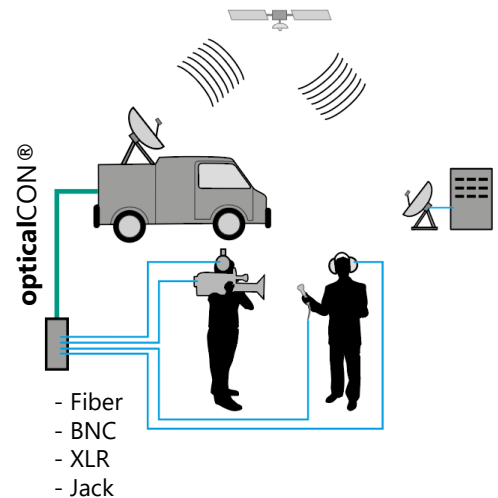
The vehicle must be light and driveable with a class 3 driver's license, but it must still have all the technical capabilities of a large OB van. Among other things, large distances, such as those found in large new football arenas, should be bridged. With these requirements there is no getting around fiber optic technology. An important aspect is that this type of cable for outdoor production must be very robust, easy handling and durable.

If you want to react quickly and flexibly, this is only possible with the use of SNG (Satellite News Gathering) van. By carrying a satellite on the roof of the small, manoeuvrable SNG vehicle, the advantages compared to a large OB vehicle production are clearly evident.

Drive there - align satellites - connect equipment - broadcast live.

Every move has to be perfect and you have to be able to rely 100% on the technology. Sky has therefore made a conscious decision to use NEUTRIK **opticalCON**® fiber optic connectors. The patented shutter system, which protects against dirt and dust, in connection with a robust, light field cable appeared to Sky to be an almost ideal product for their outdoor production and their projects.

In total, over 10km of **opticalCON**® DUO cables were ordered from Sky for the fleet of 7 SNG OB vans.



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The use is not limited to the connection of cameras or other peripheral devices, but plays the basic fiber optic connection for all connected positions in combination with the MediorNet compact system from RIEDEL.

Positions such as the playing field, commentary space, interview positions etc. are equipped with an MN Compact which are connected to each other via the **opticalCON® DUO** cables. Connected to the MN Compact in the SNG, this then forms a complete flexible system.

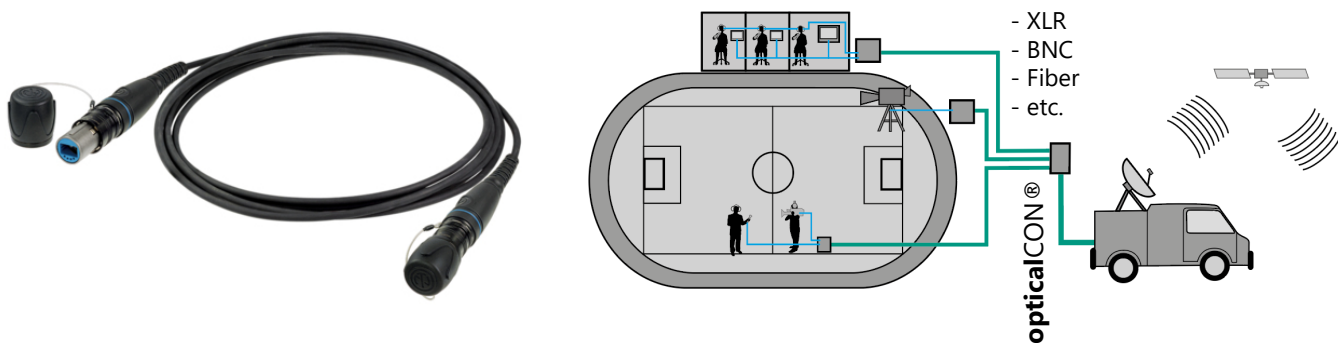
Thus, small productions such as Live interviews as well as larger ones, such as broadcasting a football game, can be implemented with little effort. Finally, production-dependent cameras, monitors, microphones, commentator units, radio receivers, etc. are connected to the MN Compact devices.

All this communication and the sending and receiving of the data packets in this system is realized through the use of NEUTRIK **opticalCON®** fiber optic cables.



Fact Sheet:

opticalCON® ADVANCED DUO is an LC-based fiber optic connection system which is typically used for equipment connections. With built-in, automatic dust shutters and a rugged housing, the fibers are always dust protected, and high mating cycles in harsh environments are achieved. Compatibility with conventional LC connectors at both the front and the rear of the chassis connectors offers users the choice of using either cost-effective, standard LC patch cables or else ruggedized **opticalCON®** cables.



Neutrik Group