

Fiberoptic RFID components

for wireless product identification and controlling



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Cables and fiber assemblies

- » assembled fiberoptic cables & fibers with RFID-integrated connectors
- » identification of fibertype, lifetime, manufacturers, device data
 - » interactive communication with source device, laser
- » control of limitation in lifetime, approved cables and suppliers



Medical connectors

- » RFID - TAG's integrated into F-SMA connectors
- » control the single use and re-use lifetime process
- » control the adjustment of the laser device
- » sterilisation and autoclavable in single use and re-use applications



Industrial connectors

- » RFID-TAG's integrated into different types of connectors like SMA, High Power Connectors, custom-designed connectors
- » lifetime documentation, counting of operation hours, power cycles and power pulses into memory of connectors TAG
- » administrated read / write memory access for manufacturer, service



RFID- TAG's

- » TAG's of various designs integrable into connectors
- » TAG type and antennas depend on customers RFID-system, memory, frequency, password protection, read only, read/write, memory access, stored data and encryption, designed by the customer
- » RFID-system read / write device, software and device front panels have to be designed by the customer



RFID custom connectors

- » production of customer-designed connectors and adaptors
- » development of RFID-integrated interconnection process of identification fiber optic connectors is patented
- » granting of licences for manufacturers of laser devices, connectors and assemblies of cables and fibers

