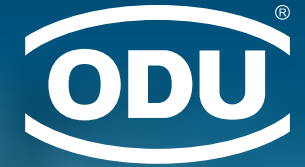


# ODU CABLE ASSEMBLY

Connectivity solutions from one source



CONNECTOR  
MEETS  
CABLE



# EASY, FAST AND GLOBAL – SYSTEM SOLUTIONS FROM ONE SOURCE

Our worldwide competence centers for cable assemblies offer our customers a service that creates a complete system solution by combining the high-quality connector with a suitable cable assembly.

At ODU, we recognize every industry is unique, and in order to meet the requirements of our customer applications, everything is developed and assembled inhouse.

## MÜHL DORF LOCATION – GERMANY

- Prototype center and small production series
- Technology Test Center for the development of technologies, short distances and fast responses
- Overmolding in silicone (HCR), hot-melt and high-pressure procedures



## SHANGHAI LOCATION – CHINA

- Prototyping and sample production
- High volume production
- Specialized in molding of plastic components and overmolding

## SIBIU LOCATION – ROMANIA

- Medium and high volume production series
- Half and fully automated cable assembling
- Standardized and modern manufacturing technologies



## TIJUANA LOCATION – MEXICO

- Medium- and high-volume production series
- Liquid (LSR) silicone overmolding and high pressure overmolding procedures

## CAMARILLO LOCATION – USA

- Prototyping and sample production

## YOUR ADVANTAGES AT A GLANCE

- + One point of contact for a complete system
- + High technical expertise in the processing of third-party products
- + 100 % final inspection
- + Custom labeling and cable printing
- + Close collaboration with leading cable manufacturers for the respective markets
- + Process-controlled solder and crimp monitoring from initial samples to full production
- + Cleanroom production possible in accordance with ISO 14644-1:2015
- + Production in accordance with UL possible (File: E333666)
- + Inhouse Technology Test Center for the development of technologies for customer-specific requirements
- + Production according to IPC standards



# CONNECTOR MEETS CABLE

## STANDARD CABLES AND ACCESSORIES

- For Circular and Modular Connectors assembled by ODU
- Standard cables and accessories from a predefined pool of purchases
- Quick and easy offer
- Fast delivery and fast samples

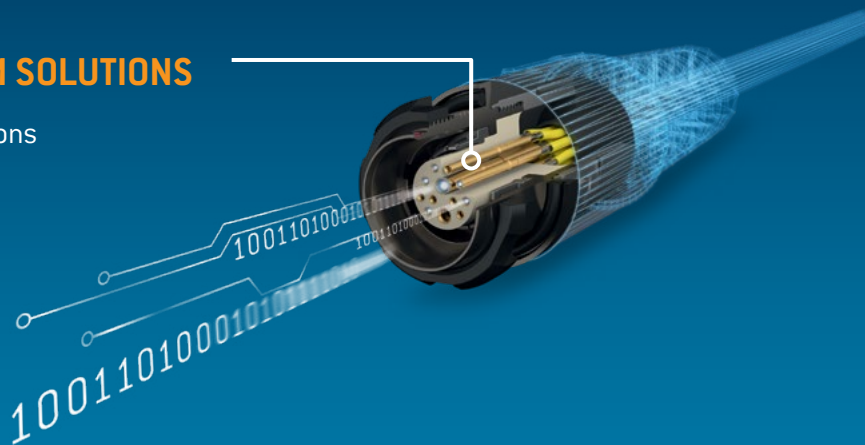
## CUSTOMER-SPECIFIC OVERMOLDINGS FOR PROTOTYPES AND SMALL SERIES

- Very cost-effective tooling
- Customer-specific shapes of overmolding
- Worldwide availability
- Short delivery times



## HIGH-SPEED DATA TECHNOLOGY SYSTEM SOLUTIONS

- Cable Assemblies for interference-free transmissions
- Optimal signal integrity
- Transmission of high data rates
- Tested according to state-of-the-art transmission protocols

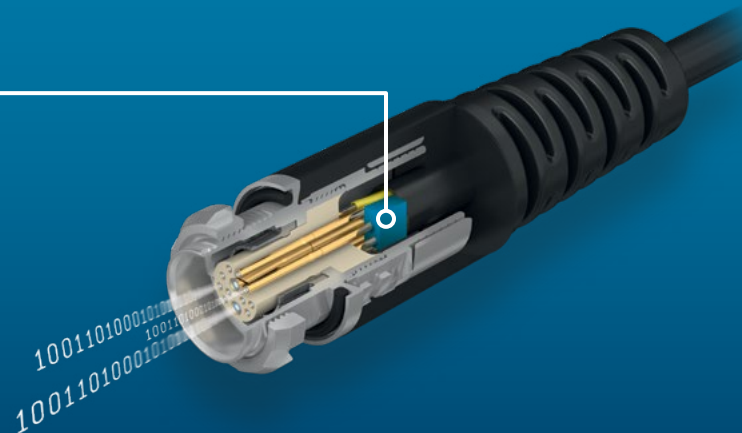


## SILICONE-OVERMOLDED SYSTEM SOLUTIONS

- Specified up to 500 autoclaving cycles
- Hygienic surface with prevention of the stick-slip effect
- Bend protection due to special shape of overmolding
- Medical technology testing according to DIN EN ISO 10993-5
- Individual laser labeling possible

## CONNECTORS WITH INTEGRATED MICROCHIPS

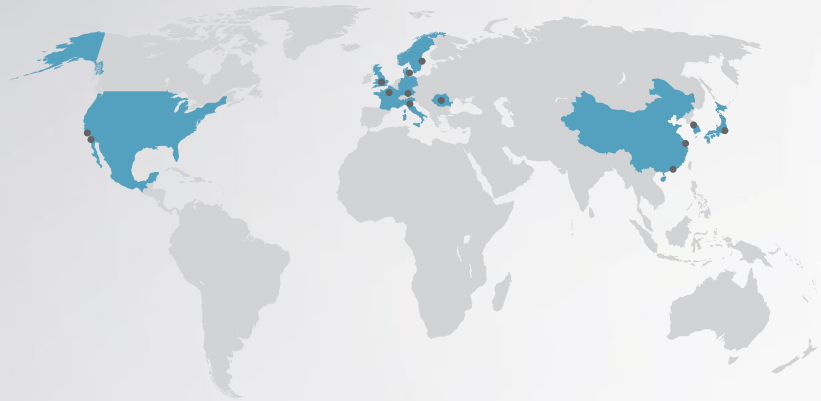
- Integration of EEPROMs
- Communication of microchips via single wire to the central controller
- For counting mating cycles
- For retrieving connection status
- Integration is possible for most ODU products



# CONTACT US!



## ODU GROUP WORLDWIDE



### PRODUCTION AND LOGISTICS SITES

- Germany** Otto Dunkel GmbH
- China** ODU (Shanghai) Connectors Manufacturing Co., Ltd.
- Mexico** ODU Mexico Manufacturing S. de R.L. de C.V.
- Romania** ODU Romania Manufacturing SRL
- USA** ODU North American Logistics Inc.

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