

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



SIBIU LOCATION – ROMANIA

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



SHANGHAI LOCATION – CHINA

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



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

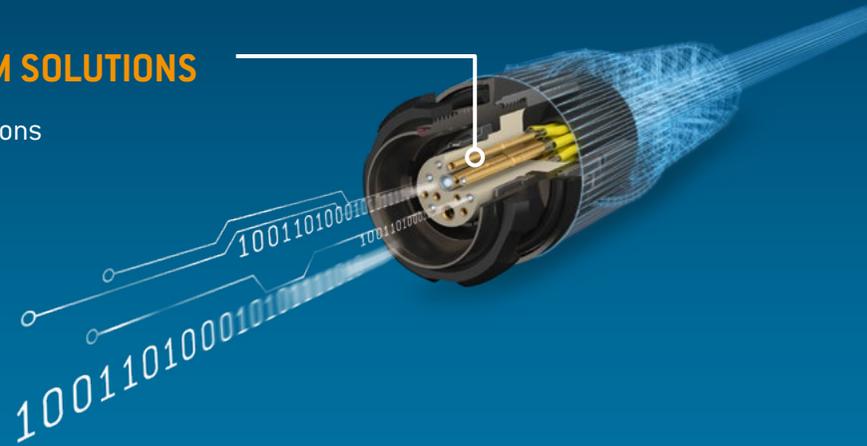
CUSTOMER-SPECIFIC OVERMOLDINGS FOR PROTOTYPES AND SMALL SERIES

- 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

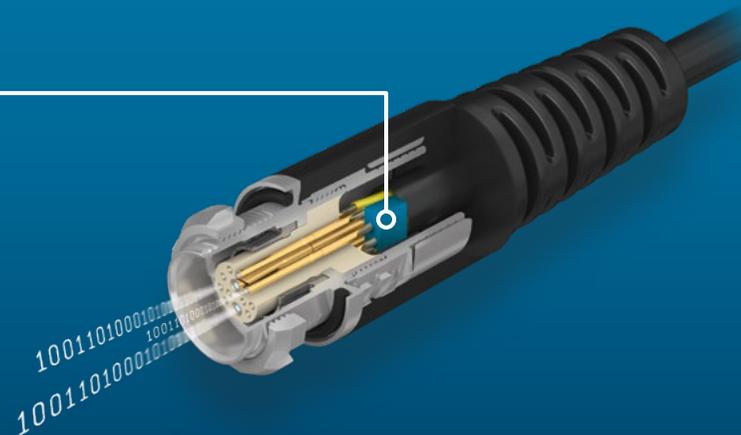


SILICONE-OVERMOLDED SYSTEM SOLUTIONS

- 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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