tML® - TP Trunk Cable Telco F/F 180° shielded 1000BaseT PUR length: xx meters

\*\*tML® 24

tML® 24 is a patented, modular cabling system consisting of the three key components module, trunk cable and rack mount enclosure. The system components are 100 percent manufactured, pre-assembled and tested in Germany. They enable plug-and-play installation on site – especially in data centres, but also in industrial environments – within the shortest possible time. Heart of the system are the rear MPO/MTP® 24 fiber and Telco connectors, which can be used to connect at least six or twelve ports at a time. Depending on the module configuration, transfer rates of up to 400G are currently possible with SR4. The fibre optic and TP modules can be used together in a module carrier with a very high port density. The tde offers its tML® cabling system as a proven tML® standard system and in the highly innovative variants tML®Xtended and now tML® 32 for extreme scalability and very easy migration to higher transmission rates such as 40G, 100G, 200G and 400G.

\*\*tML® Xtended

tML® Xtended is a patented, modular cabling system consisting of the three key components module, trunk cable and rack mount enclosure. The system components are 100 percent manufactured, pre-assembled and tested in Germany. They enable plug-and-play installation on site – especially in data centres, but also in industrial environments – within the shortest possible time. Heart of the system are the rear MPO/MTP® 12 fiber and Telco connectors, which can be used to connect at least six or twelve ports at a time. Depending on the module configuration, transfer rates of up to 200G are currently possible with SR4. The fibre optic and TP modules can be used together in a module carrier with a very high port density. The tde offers its tML® cabling system as a proven tML® standard system and in the highly innovative variants tML® 24 system and now tML® 32 system for extreme scalability and very easy migration to higher transmission rates such as 40G, 100G, 200G and 400G.

\*\*tML® - tde Modular Link

tML® is a patented, modular cabling system consisting of the three key components module, trunk cable and rack mount enclosure. The system components are 100 percent manufactured, pre-assembled and tested in Germany. They enable plug-and-play installation on site – especially in data centres, but also in industrial environments – within the shortest possible time. Heart of the system are the rear MPO/MTP® and Telco connectors, which can be used to connect at least six or twelve ports at a time. Depending on the module configuration, transfer rates of up to 200G are currently possible with SR4. The fibre optic and TP modules can be used together in a module carrier with a very high port density. The tde offers its tML® cabling system as a proven tML® standard system and in the highly innovative variants tML® Xtended, tML® 24 System and now tML® 32 System for extreme scalability and very easy migration to higher transmission rates such as 40G, 100G, 200G and 400G.

\*\*tML® - TP Trunk Cables Telco F/F

The tML®– TP trunk cable is intended for the connection of two tML®- TP Modules.

\*\*TECHNISCHE\_DATEN

tML® - TP Trunk Cable is preterminated on both ends with a Telco 50pos. female connector. The cable is very slim and flexible. Each cable is marked with sequential serial number and article number.

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| Cable | S/FTP Round Cable 24x2xAWG 27/7, Pet-Al foil around each pair, 3 layers of screened pairs (2+8+14), PUR |
| Outer Diameter | 14.5 mm |
| Weight | 158 kg/km |
| bending radius without load | 8xD mm |
| bending radius with load | 4xD mm |
| Connectors | 2 x Telco 50pos. Female 180° shielded with screws  |
| Tests | Link Performance Tests, Elektronischer Test on short-circuit and Visual Final Inspection; all measured values are electronically archived |
|   | QS-Managementsystem nach ISO 9001, ISO 14001 und TL 9000 |

xx - stands for the cable length in meters (max. length is 60m)