

# tML® - TP Trunk Cable 5HP both ends preterminated 6x EC7 length: xx

## Description

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 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® 12, tML® 24, tML® 32 and now tML® 24+ System for extreme scalability and very easy migration to higher transmission rates such as 40G, 100G, 200G, 400G and 800G and more.



The tML® - TP Trunk Cable is intended for the installation in the tML® Rack Mount Enclosure 3U (for 17 x Modules).

## Technical Data

tML® - TP Trunk Cable is preterminated on both ends with modules 6x EC7. tML® - TP Trunk Cables can with tML® - FO modules in a module carrier to be combined. A full assembly results in 104 EC7 ports on 3U. The module is marked with sequential serial number and article number.

Box	galvanized steel sheet
Front plate	Stainless Steel
exit	6x EC7 Jacks shielded for 10GbE
Strain relief	integrated in the box
Cable	S/FTP Cable 6x4x2xAWG 23/1, CAT 7, Pet-Al foil around each pair, 3 layers of screened pairs (2+8+14), LSHF-FR
Outer diameter	25.0 mm
bending radius without load	100 mm
bending radius with load	200 mm
Flame resistance	LSHF-FR IEC 60332-3-24; IEC 60754-2; IEC 61034
Standards	ISO/IEC 11801 2nd Edition; EN 50173-5; EN 50288-4-2
Tests	Link Performance Tests, Elektronischer Test on short-circuit and Visual Final Inspection; all measured values are electronically archived
	QS-Managementsystem ISO 9001, ISO 14001 and TL 9000

xx - stands for the cable length in meters (max. length is 50m)

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