Universal Connectivity Platform
A Modular Approach to Infrastructure Design

TE Connectivity's Universal Connectivity Platform (UCP) provides a fully modular approach to designing data centers and telecommunications rooms. This patch panel is ideal for rapidly evolving environments because it supports both TE's plug-and-play copper and fiber solutions.

TE's UCP enables business transformation by virtue of its modularity. It is designed to accommodate all of TE's cabling media, whether copper or fiber, to support the 10, 40 and 100 Gigabit network connections in a single patch panel. By simply selecting the media, network equipment can be changed in a controlled fashion as the network demands.

Rack space is always a premium in the data center or telecommunications room, especially in existing infrastructure. The UCP is designed with this in mind, incorporating maximum flexibility for different needs and architecture. The panels can be installed in a 19 inch cabinet/rack, or installed overhead or under raised floors. By moving the panels overhead or under the floor, they can be easily shared between cabinets/racks.

Data Centers and co-location sites have undergone radical changes over the past few years and will again in the future. TE's Universal Connectivity Platform helps network managers address this change by delivering added flexibility and scalability.

FEATURES

- Multi-media Quick-Fit configurations accommodate both copper and fiber
- Compatible with MPOptimate multimode (OM3/OM4) and singlemode (OS1/OS2) fiber media
- Compatible with U/UTP, F/UTP and S/FTP copper media
- Can be installed inside a cabinet/rack, to a wire basket or under a raised floor
- Scalable to meet all applications from 100 Mbps to 100 Gbps including high-density 10 Gbps deployments

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Universal Connectivity Platform
Patch Panels

UCP Patch Panel

FEATURES
- 19" 1RU unloaded modular patch panel with 4 Quick-Fit cutouts
- Modular rear cable bracket to manage and bundle different media cabling

Description	Part Number
UCP Patch Panel 1RU Flush; includes grounding bolt	1-1671594-1

UCP Drawer Style Enclosure

FEATURES
- 19" 1RU enclosure with 4 Quick-Fit cutouts
- Mounting bracket for flush or recessed mounting

Description	Part Number
1RU Drawer style Enclosure	1933443-1

Zero RU Quick-Fit Bracket

FEATURES
- Bracket designed for copper and fiber Quick-Fit cassettes and modules
- 5" horizontal clearance required

Description	Part Number
Zero RU Quick-Fit Bracket; includes grounding bolt	1-1671548-1

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Universal Connectivity Platform
Copper Cassettes and Modules

MRJ21 Quick-Fit Cassettes

Compatible with MRJ21 cable assemblies for superior performance.

FEATURES

- Factory terminated and tested

- Available in 1GbE and 10GbE

- High-density
  – 48 ports 1RU 1000 BASE-T
  – 32 Ports 1RU 10 GBASE-T

- Integrated bonding

10 GbE

1 GbE

Description	Part Number
MRJ21 XG Quick-Fit cassette for 10GBase-T	2153115-1
MRJ21 Quick-Fit cassette for 1000BaseT	1711970-1

STP and UTP Quick-Fit Modules

FEATURES

- Accommodates Cat 5e, 6, 6A SL jacks

- STP version has integrated bonding

- Labels included

Quick-Fit Module

Blank Module

Description	Part Number
STP Quick-Fit module	2111093-1
UTP Quick-Fit module	2111117-1
Blank Module; used to close unused cut-outs in panels	1479698-1

TE connectivity

Universal Connectivity Platform
Fiber Optic Cassettes

MPOptimate to LC 10 Gigabit Quick-Fit Cassettes

12-Fiber Trunking Solutions

FEATURES

- Factory terminated and tested
- Front: 6 x LC Duplex or 6 x LC Quad
  Back: one or two 12 fiber MPO or MPOptimate connector(s)
- Available in OS2, OM3 or OM4 MPOptimate
- Port number labeling and additional label strip included
- Part numbers noted are Straight Polarity. Other polarities are available upon request

LC Duplex

Description	Fiber Type	Fiber Count	Part Number
LC duplex	50 µm, MM, OM3	12	1671205-3
	9 µm, SM, OS2	12	1671205-4
	50 µm, MM, OM4 MPOptimate	12	1671226-5
LC quad	50 µm, MM, OM3	24	1671206-3
	9 µm, SM, OS2	24	1671206-4
	50 µm, MM, OM4 MPOptimate	24	1671227-5

MPOptimate to LC 10 Gigabit Quick-Fit Cassettes

24-Fiber Trunking Solutions

FEATURES

- Factory terminated and tested
- Front: 12 x LC Duplex
  Back: 1 x 24 fiber MPO connector
- Available in OM4 MPOptimate
- Port number labeling and additional label strip included

LC Quad

Description	Part Number
Cassette OM3 Straight A-A/B-B	2160266-3
Cassette OM3 Polarity Flipped A-B/B-A	1-2160266-3
Cassette OM4 Straight A-A/B-B	2160266-5
Cassette OM4 Polarity Flipped A-B/B-A	1-2160266-5

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Universal Connectivity Platform
Fiber Optic Cassettes and Modules

MPOptimate 40 Gigabit Quick-Fit Cassettes

FEATURES
- Factory terminated and tested
- Front: 6 x 8-fiber MPO connectors
  Back: 2 x 24 fiber MPO connector
- MPOptimate
- Port number labeling and additional label strip included
- Fiber path for part numbers noted is Polarity "A" or Polarity "B"

6x 40G Cassette

Description	Part Number
Cassette OM4 Straight A-A/B-B	2160530-5
Cassette OM4 Polarity Flipped A-B/B-A	1-2160530-5

MPO/MPOptimate Quick-Fit Module

FEATURES
- Quick-Fit modules with 6 or 12 MPO couplers
- Compatible with 10/40/100 Gbps MPO trunks and arrays
- Port number labeling and additional label strip included
- MPO coupler joins MPO pinned to non-pinned connectors

6x MPO Coupler Module

Description	Part Number
6x MPO coupler module; black	1671200-1
12x MPO coupler module	1711987-1

Quick-Fit Fiber Modules

FEATURES
- Available in LC and SC configurations
- Available in singlemode and multimode

Description	Fiber Type	Ferrule	Color	Part Number
12 Fiber LC	OM3/OM4	Ceramic	aqua	0-1671196-3
12 Fiber LC	SM	Ceramic	blue	0-1671196-1
24 Fiber LC	OM3/OM4	Ceramic	aqua	0-1671202-3
24 Fiber LC	SM	Ceramic	blue	0-1671202-1
12 Fiber SC	OM3/OM4	Ceramic	aqua	1671201-3
12 Fiber SC	SM	Ceramic	blue	1671201-1

12 Fiber LC

24 Fiber LC

Vertical Panel Mounting Brackets

FEATURES

- Fully flexible system for installing 19" panels vertically outside of the 19" area

- Available in 1RU

Description	Part Number
1RU Vertical Panel Mounting Brackets	1-1671549-1

Subfloor Panel Holder Kit

FEATURES

- Fully flexible system for installing 19" panels underneath cabinets/racks in raised floor environments

- Pedestal distance maximum 24"

- The clamping range varies from 0.6" up to 1.2"

- Pedestal can be round or square

- Available in 2RU

Description	Part Number
Subfloor Panel Holder Kit 2RU	1671189-2

Aerial Panel Holder Kit for Wire Mesh Cable Trays

FEATURES

- Fully flexible system for installing 19" panels above cabinets/racks attached to wire mesh cable trays

- Available in 2RU

Description	Part Number
Aerial Panel Holder Kit (2RU)	1-1671603-1

Note:
For information on Copper and Fiber cable assemblies visit www.te.com/EnterpriseNetworks to view the below documents.
Copper trunk assemblies and patch cords, see document number 313948AE.
Fiber trunk assemblies and patch cords, see document numbers 402-1007 and 402-1008.

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