Cable breakout system for Dell Networking fabric switches

The Dell Networking cable breakout system enables numerous 40GbE ports to be broken out into 4x 10GbE ports through a secure, highly reliable breakout cabling solution. Dell provides two different solutions (16MTP to 64LC and 12MTP to 48LC), offering greater customer choice.

Key features

- Sturdy connections for maximum uptime
- Increased density through efficient cable management
- Consistent spacing between ports for insertion and removal of cables
- Effective alternative to free-hanging breakout cabling with aggregated cable clutter
- Compatability with industry standard connectors and cabling
- Easy and simple installation

16MTP to 64LC solution
(12MTP to 48LC solution not shown)

Physical	64LC solution	48LC solution
Width	16.9 inches (430 mm)	16.9 inches (430 mm)
Width of breakout box plus brackets	19 inches (482 mm)	19 inches (482 mm)
Depth	9 inches, 230 mm	12.1 inches, 307 mm
RUs	1RU	1RU
Weight	4.63 lbs (2.1 kg)	6.95 lbs (3.2 kg)
Operational temp	−25° to 75°C	−25° to 75°C
Storage temp	−40° to 85°C	−40° to 85°C
Power requirements	Passive (no external power)	Passive (no external power)

Cabling	64LC solution	48LC solution
Cable types included	16 X MTP to LC breakout cables	12 X MTP to LC breakout cables
	MTP connector on 1.5m optical	MTP connector on 1.5m optical
	Split cable routing	Split cable routing
Patching information	64 LC-Duplex connections in front	48 LC-Duplex connections in front
LC cable counts	64	48
MTP cable lengths/types supported	1.5 meters	2 meters
Cable access	Egress from front	Egress from back
QSFP+ optics	Not included	Not included
Power requirements	Passive (no external power)	Passive (no external power)

Ordering information	64-port global SKUs	48-port global SKUs
APOS	770-BBIL: 64-Port (16 x MTP) Breakout Cable Management Kit, Customer Kit	470-ABBS: 48-Port (12 x MTP) Breakout Cable Management Kit, Customer Kit
POS	770-BBIM: Dell Networking, 64-Port (16 x MTP) Breakout Cable Management Kit	470-ABBR: Dell Networking, 48-Port (12 x MTP) Breakout Cable Management Kit

Note: As pictured, solution includes MTP fiber cables. QSFP+ to MTP optics (such as QSFP+ SR and QSFP+ ESR) sold separately.

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