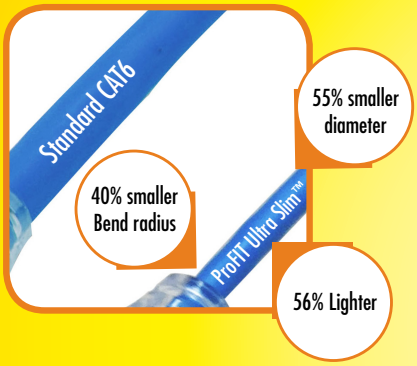
TOTAL CABLE SOLUTIONS

# CATALOG OF PRODUCTS

Feature 1, 3, 4 | Fiber 2 | Copper 3 | Power 3

40 G 4 | SAS 4 | Transceivers 4 | Data Center 4 Services

## Feature




ProFIT Ultra Slim™ Premium Copper Cables

MADE IN USA | CAT6 | LIFETIME WARRANTY | TCS GREEN

- Ultra-flexible Cable — Ensures smooth installation
- Customizable Labels — Cable Labels available with length, part number, barcodes, or serial number
- Low Profile Connector — Easily fits into high density panels and switches

## Feature

## 40G CABLING SOLUTIONS

40G QSFP Patch Cables
PN: QSFP-PFPF-4P-xxxM

40G Patch Panel PN: FPP-UP-1-LG243MAQ

40G MTP® Trunk Cable
PN: T96-PF3P2-PF32-4PMU-xxxM

*Erika Violet Available

Performance Specifications
- MTP®/MPO Insertion Loss <0.35dB
- MTP® Elite Connectors Standard
- Exceeds All Industry Standards
- Plenum (OFNP) Standard
- Fiber Types: > Corning 50/125 Clearcurve OM4
- RoHs Compliant

OM4 STANDARD

40G QSFP to (4) 10G Universal LC™ Fanout Cables
PN: QSFP-PFUL-4P2-xxxM

MADE IN USA AVAILABLE | LIFETIME WARRANTY | TCS GREEN

# FIBER PRODUCT OVERVIEW

- Low insertion loss (<0.25dB) • Low back reflection • Customer defined specification
- Every cable tested and includes report • Bend Insensitive Fiber used on most products
- Unique serial number and part number on each end of cable for easier installation and reorder
- RoHS compliant • Polish Types: UPC, APC, and PC
- Terminations Types: Universal LC™, SC Uniboot, LC, SC, FC, ST, MTRJ, MTP®/MPO, E2000, MU
- Fiber Types: Multi-Mode (MM) 50/125. 62.5/125. 10G OM3, Single Mode (SM)
- Customization: Length, packaging, bar coding, labeling, stocking programs, color and style of cable

*MTP is a registered trademark of US Conec Lt

Available Connectors

SC

FC

LC

ESCON

MTRJ

Universal LC™

ST

MTP®/MPO

## Fiber

Universal LC™
OM3, OM4, SM

Fiber Patch Cable
SM

Fiber Patch Cable
MM 50 OM4

Fiber Patch Cable
MM 50 OM3

Fiber Patch Cable
MM 62.5 OM1

Fiber Pigtails

Fiber Harness

Zip Cord Trunk

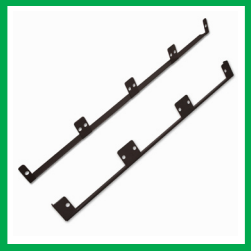
Fiber Trunk
Pre-terminated

MTP®/MPO Cables

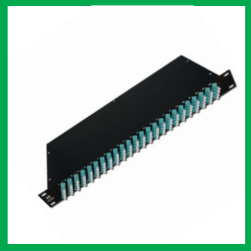
Couplers/Adapters
LC, MTP®, SC, ST

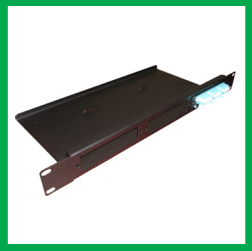
Loopbacks
MTP®, 40G, LC, SC

Universal Patch™


Universal Patch™ Bracket

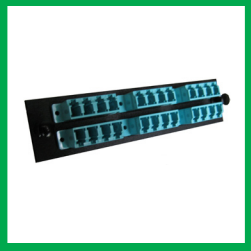
Premium HD Panels
19" Rack, 1U, 2U, 4U


Standard Fiber Panels
24, 36, 48 Ports


Economy Patch Panel

Fiber Wallmount Panels
2,4,6,8 Adapter

6U Hinged Patch Panel
144, 192, 252 Ports


Adapter Plates
Standard

Adapter Plates
Premium w/ Shutters

MTP®/MPO Cassettes

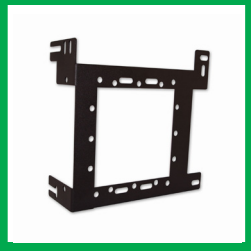
MTP®/MPO Cassettes
High Performance

Fiber Optic Cleaners
LC, SC, MTP®

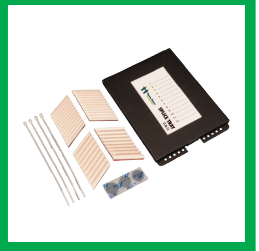
12 Position MTP®
Bracket

10 Position MTP®
Bracket for System Z®

Preloaded Panels
(Adapter Plate, Splice Tray, Pigtail)


Zero U Module
Bracket

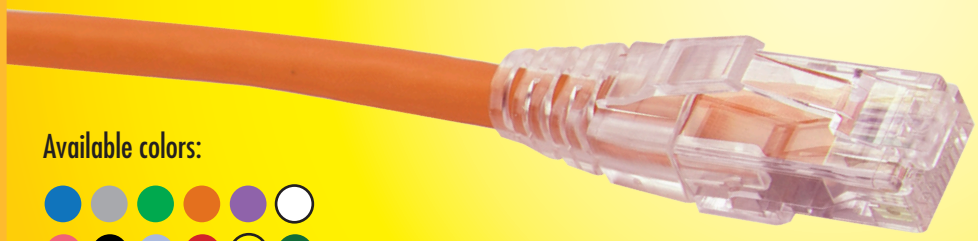
Pigtail Module


Splice Tray

## Feature

# ProFIT Ultra™
## Premium Copper Cables

- Low profile connector for easy fit in panels and switches
- Unique easy-release, snagless retainer clip design
- Ultra-flexible cable for smooth installation
- U.S. made
- Individually fluke tested
- ProFIT Ultra™ premium copper cables available in Cat 6, Cat 6a & Cat 5e



Available colors:

MADE IN USA

LIFETIME WARRANTY

TCS GREEN

## Copper

### TCS Choice Copper

### ProFIT Ultra™ Premium Copper Cables

HOT ITEM

Cat 5e
Keystone Jack

Cat 6
Keystone Jack

Cat 6, Cat 5e
Keystone Coupler

ProFIT Patch™
Copper Panels

Surface Mount Box
1 and 2 port

Face Plates
1,2,3,4,6 Port

12 Port Wall Mount
Patch Panel

24 Port 19 inch
Rack Mount

48 Port 19 inch
Rack Mount

Hinged Brackets
Wall Mount 1U, 2U, 4U

1U Duct Cable Manager

1U Plastic Ring

CUSTOM DESIGN AVAILABLE ON MANY TCS PRODUCTS

## Power

C14 to C15

C14 to C13

5-15P to C13

C20 to C19

SureFIT™

HOT ITEM

SureFIT™ Locking Sleeve
For C14, C20

Conversion Cables
C14 to C19, C20 to C13

# Total Cable Solutions

## Feature

Total Cable Solutions is an industry leader in 40G products and services. On the cutting edge of 40G development, TCS has been consulted by top industry names to work with R&D labs to develop and/or modify their products. From transceivers, active cables, passive cables, or panels, TCS offers end-to-end 40G functionality.

## 40 G

40G Fanout Cable
MTP® to LC (4 Duplex)

Active QSFP+
Fiber Cables

Active QSFP+
Copper Cables

40 QSFP+
Transceivers

QSFP Fiber Cable
MTP®/MPO

Adapter Plates
MTP®/MPO

## SAS

HD SAS

48G QSFP+

External Mini SAS
SFF 8088

ISAS4i
SFF8087

CX4, SAS4x
SFF8470

QSFP
SFF8436

## Transceivers

SFP LC Duplex

SFP Copper

SFP+
LC Duplex

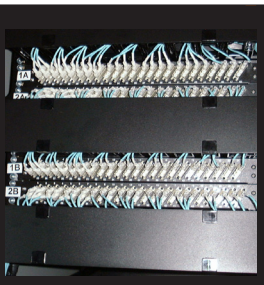
XFP
LC Duplex

QSFP+
MTP®/MPO

SFP BIDI

## Services

Structured Cabling


SAN Panels

### Total Cable Solutions' State-of-the-art Data Center Services

TCS offers design, assessment, installation and testing of structured cabling systems for your data center. We have earned "trusted advisor" status with many large data centers, and have experience cabling a wide range of equipment for both raised-floor and overhead tray environments. With demand for space and high connection speed in today's data center, it is important to keep your cable system up to spec. Let TCS ensure you get a fully tested and installed cable solution that's right for you.

Total Cable Solutions • www.TotalCableSolutions.com • Tel: 1.888.235.2097 • Fax: 937.528.2861