High-Density Pre-Terminated Fiber Trunk Cable Assemblies LSZH

CTS

*Images are for representative purposes only

Product Description:

CTS MPO trunk cable is a high-performance pre-terminated optical fiber cable designed for rapid deployment in high-density environments. It is ideal for use in data centers, enterprise networks, and telecom systems.

Applications:

Datacenters
High-speed backbone networks
Enterprise networks
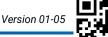Cloud computing environments

Standards:

ANSI TIA-568 C3
RoHS Compliant
REACH Compliant

Features:

Meets GR or IEC standards
Fiber capacity up to 288 Fibers
Customizable cable lengths available
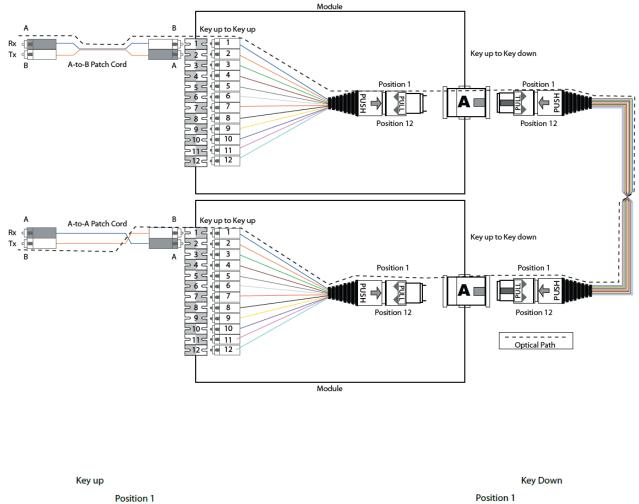Factory terminated and tested

25 YEARS LIMITED CTS WARRANTY

Technical Specification:

Cable Type	Indoor Loose Tube Trunk			
Cable Jacket	Low Smoke Zero Halogen (LSZH)			
Fiber Types	Single Mode	OS2 9/125µm		
	Multi Mode	OM3 / OM4 / OM5 50/125µm		
Fiber Count	24, 48, 72, 96, 144, 288			
Connector end A	12-Fiber MPO Male/Female			
Connector end A	12-Fiber MPO Male/Female			
Jacket Colour	OS2	OM3	OM4	OM5
	Yellow	Aqua	Aqua	Lime Green
Insertion Loss	≤ 0.35 dB			
Return Loss	≥ 55 dB (Single Mode)	≥ 20 dB (Multi Mode)		
Operating Temperature	-25 ℃ to +70 ℃			

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Method A Connectivity:

Module — Key up to Key up / Key up to Key down

A-to-B Patch Cord

A-to-A Patch Cord

Position 1 / Position 12

PUSH / PULL

Optical Path

Key up — Position 1 / Position 12

Key Down — Position 1 / Position 12

PULL / PUSH

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Method B Connectivity:

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Method C Connectivity:

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Part Number Configurator:

					End A			End B						
C	F	P	T	n	Conn Type	No of Conn	Type	Conn Type	No of Conn	Type	Method	Const.	x	yyy

CTS	Fiber Pre-terminated Trunk Cable

No of Fibers
24	24 Fibers
48	48 Fibers
72	72 Fibers
96	96 Fibers
144	144 Fibers
288	288 Fibers

Connector Type on End A
M	MPO

Connector Type on End B
M	MPO

Polarity Type
A	Method A
B	Method B
C	Method C

No of Connectors on End A
2	2 x 12 MPO (for 24 Fibers)
4	4 x 12 MPO (for 48 Fibers)

No of Connectors on End B
2	2 x 12 MPO (for 24 Fibers)
4	4 x 12 MPO (for 48 Fibers)

Jacket Construction
LS	LSZH

MPO Type on End A
M	Male
F	Female

MPO Type on End B
M	Male
F	Female

Jacket Colour
YL	Yellow OS2
AQ	Aqua OM3
AQ	Aqua OM4
LN	Lime Green

Trunk Cable Length
010	10m
100	100m

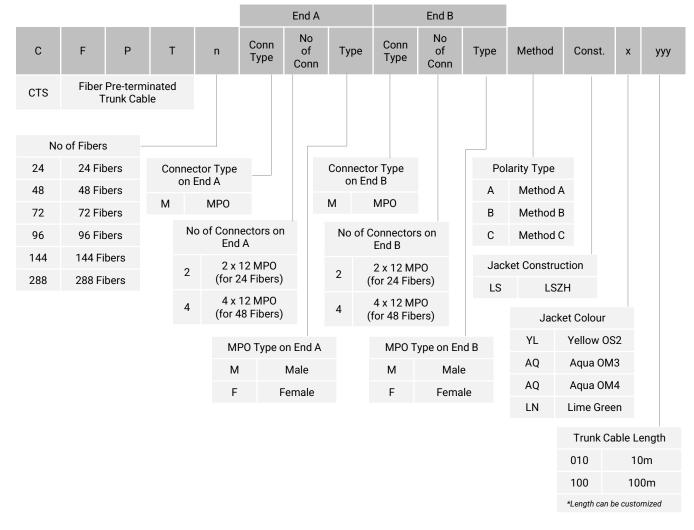*Length can be customized

Ordering Information:

CFPT924M2FM2FALSYL010 — CTS OS2 24 Fiber Trunk Cable 2x12F MPO Female to 2x12F MPO Female Polarity A LSZH Yellow 10m

CFPT348M4FM4FBLSAQ050 — CTS OM3 48 Fiber Trunk Cable 4x12F MPO Female to 4x12F MPO Female Polarity B LSZH Aqua 50m

CFPT448M4FM4FBLSAQ100 — CTS OM4 48 Fiber Trunk Cable 4x12F MPO Female to 4x12F MPO Female Polarity B LSZH Aqua 100m

For other configuration types, please use the configurator above or Contact CTS Product team