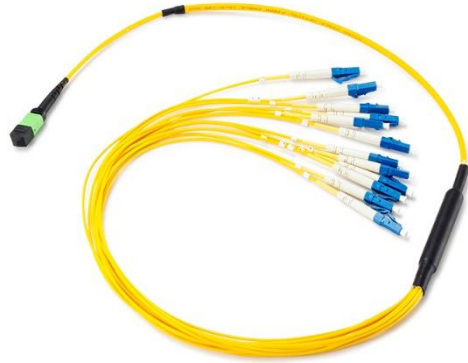# MPO to LC Fan-out Cable

Overview

MPO/MTP to LC Fan Out Cable interface multi-fiber MPO/MTP with discrete single fiber (LC/SC mainly) connectors. Assemblies are typically used to directly interconnect MTP/MPO cassettes, panels or backbone trunk assemblies with the active equipment ports, saving costly data center rack space and easing fiber management. MPO/MTP to LC Fan Out Cable is offered in all fiber types as standard 12 to 144 core versions using a compact and rugged MicroCable structure. The compact cables optimize cable-way use and improve airflow.

Features

✧ OS1/2 G652D, G.657A1, OM1, OM2 OM3, OM4
✧ Tail OD: 2.0mm, 3.0mm
✧ 24*Fiber Ferrule MPO/MTP Male / Female is available in end A
✧ Multisubunit 12, 24, 48, 72, 96, 144 cores MicroCable versions available
✧ LC, ST, FC, SC connectors are available in end B
✧ Simplex and Duplex Option
✧ LSZH, PVC Cable Jacket Option
✧ Female (standard) and Male MPO/MTP Connectors
✧ Polarity A (standard), B or C
✧ Factory Terminated and Tested
✧ Optional Pulling Element Available
✧ Loose Tube, Dry Loose Tube or Loose Tube Armored cable selection

Applications

✧ Data center
✧ Storage Area Network
✧ Cabinet-to-cabinet connections
✧ Short distance connections within a single rack or cabinet

Parameter

	MPO SM standard	MPO OM3/OM4 standard
Insertion Loss	<0.5 dB	<0.5 dB
Return Loss	>50 dB	>20dB