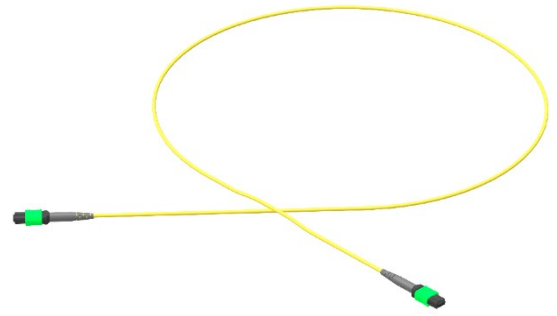8F SM MPO/MPO Cable for DR4 Connection are the linking cables between Optical Patch Panel and equipment racks such as servers or SAN's. One end of the jumper is terminated to a MPO patch panel and the other end can be connected to either a DR4 400G module or fan-out depending on preference. With a diameter of 3 mm; MPO jumpers represent a very compact and high-density connection method between racks or zones in the data center. All of our jumpers are terminated onto round cable as opposed to flat ribbon type which makes cable routing and handling far easier.

Features & Benefits

➢ *Low insertion loss and high return loss, meeting the transmission standard of optical fiber cabling system.*

➢ *Follow the 400G DR4 OSFP and QSFP-DD standard by using 8F MPO optical fiber connector, compatible with existing optical fiber transmission of 40G and 100G by using the fanout cable and MPO-LC module.*

➢ *The trunk cable is based on 8F fiber which reduces the complexity of installation and deployment; and achieving 100% utilization of the fiber cable.*

➢ *All of products meet the relevant standards of environmental policy, environmental protection and flame retardant.*

Optical Performance

	Single-mode Standard	*Single-mode low loss*
Insertion Loss	*0.25dB Typical (All Fibers)* *0.7dB Maximum (Single Fiber)*	*0.15dB Typical(All Fibers)* *0.35dB Maximum (Single Fiber)*
Return Loss	*> 60dB (8° Angle Polish)*	*> 60dB (8° Angle Polish)*