

Industrial Cable Assemblies

Industrial MPO and LC (ODVA) cable assemblies can be made to order with a wide variety of rugged cable options. These assemblies provide excellent protection in the harshest environments. The connectors use the familiar LC or MPO connector in a robust industrial housing which provides a secure IP67 rated connections. Unlike many industrial cable assembly solutions on the market today, the ODVA LC connector footprint is open sourced which allows customers the flexibility of not being locked into one particular manufacturer. These assemblies are fully compatible with our Industrial Gator Patch product line and can also be customized to suit your application. Contact customer service today to learn more.



Industrial MPO Connector



ODVA LC Connector

KEY FEATURES

- IP67 RATED PROTECTS AGAINST DUST/WATER
- SECURE FIBER CONNECTIONS
- AVAILABLE IN ANY STANDARD FIBER TYPE
- UP TO 24 FIBERS IN A SINGLE CONNECTOR
- UV RESISTANT MATERIALS
- 100% TESTING IN OUR NORTH AMERICAN FACILITY

TYPICAL APPLICATIONS

- FIBER TO THE TOWER—RADIO DISTRIBUTION
- MOBILE BROADCASTING OR SECURITY
- WIND/SOLAR POWER COMMUNICATION LINK
- FACTORY/INDUSTRIAL APPLICATIONS
- MINING APPLICATIONS
- INTELLIGENT TRANSPORTATION SYSTEMS

Compatible with the Industrial Gator Patch

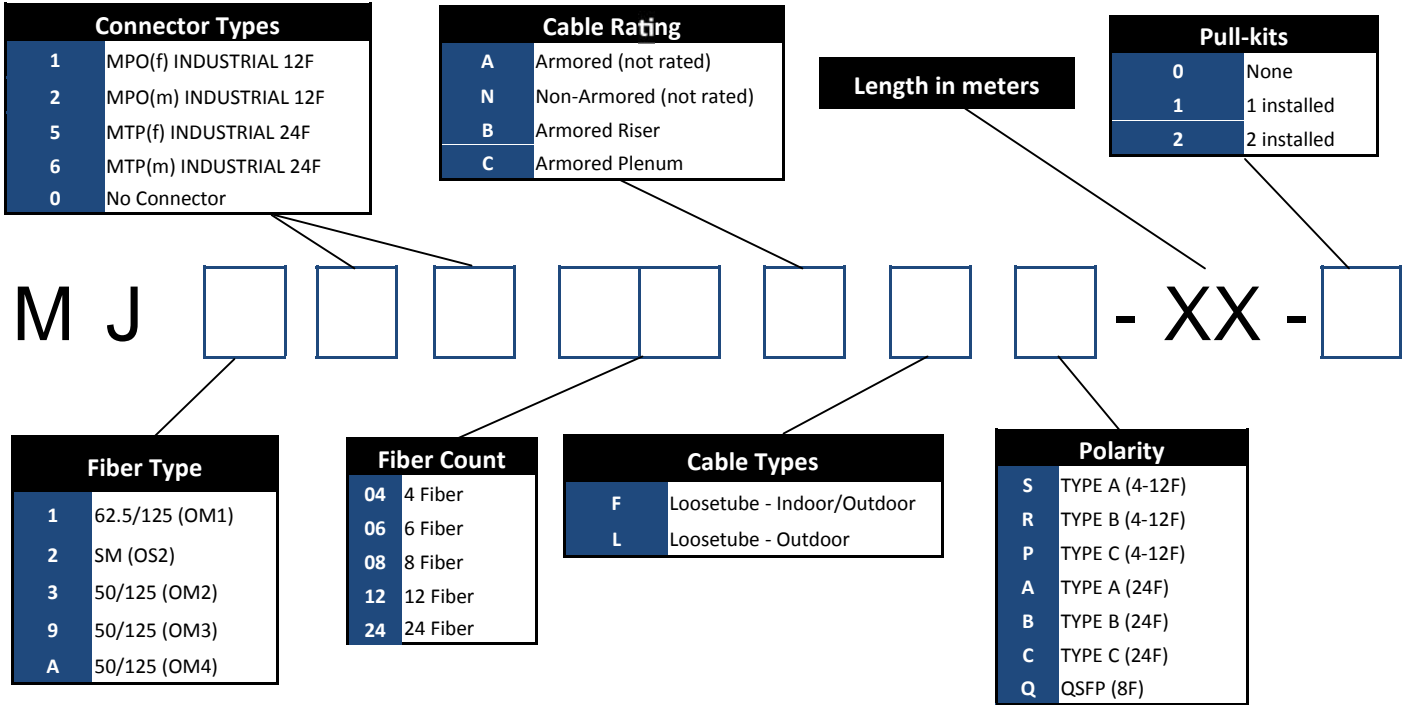


Industrial 12 Port Gator Patch

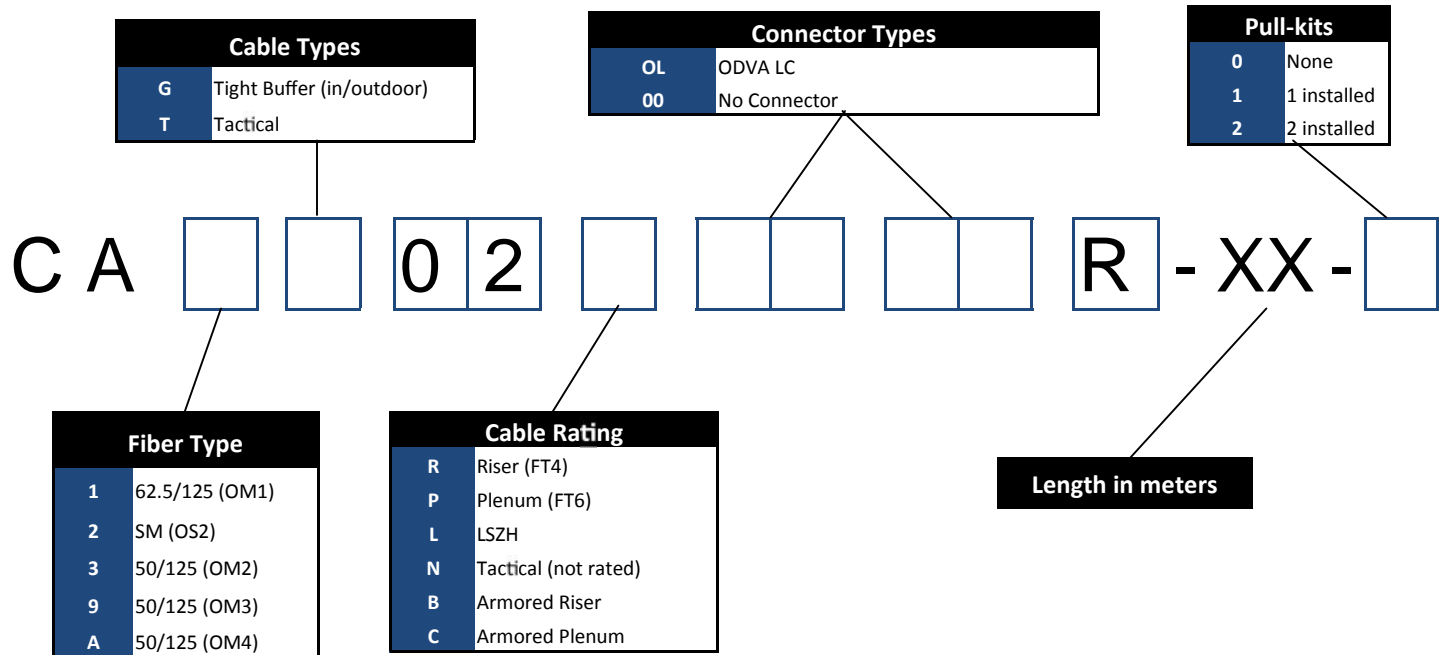


Industrial 6 Port Gator Patch

Industrial MPO Assembly Ordering Information



ODVA LC Assembly Ordering Information



Contact customer service for help determining your specific cable requirements

Fiber Transmission Performance

	Multimode				Single-mode
Fiber Type	62.5/125 μ m (850/1300nm)	50/125 μ m (850/1300nm)	50/125 μ m (850/1300nm)	50/125 μ m (850/1300nm)	Single-mode (1310/1383/1550nm)
ISO/IEC name	OM1	OM2	OM3	OM4	OS2
Maximum Attenuation (dB/km)	3.4/1.0	3.0/1.0	3.0/1.0	3.0/1.0	0.4/0.4/0.3*
Maximum Attenuation (dB/km)	3.4/1.0	3.0/1.0	3.0/1.0	3.0/1.0	0.65/0.65/0.5**
Minimum Over Filled Launch (OFL) Bandwidth (MHx•km)	200/500	700/500	1500/500	1500/500	- / - / -
Minimum Effective Modal Bandwidth (MHx•km)	220 / -	950 / -	2000 / -	5350 / -	- / - / -
Serial 1 Gigabit Ethernet Distance (m)	300/550	750/600	1000/600	1000/600	5000 / - / -
Serial 10 Gigabit Ethernet Distance (m)	33 / -	150 / -	300 / -	600 / -	10000 / - / 40000

Connector Performance

Technical Specifications		
Connector Performance	Multimode	Single mode
Test Wavelength	850nm	1550nm
Industrial MPO Insertion Loss	Typical 0.5db / Max 0.75db	Typical 0.4db / Max 0.75db
ODVA LC Insertion Loss	Typical 0.4db / Max 0.5db	Typical 0.3db / Max 0.5db
Reflectance	\leq -20db	\leq -55db
Durability	500 matings, < 0.2db change	500 matings, < 0.2db change
Operating Temperature	-40 to +70C	-40 to +70C
Storage Temperature	-40 to +85C	-40 to +85C
Water/Dust Ingress	IP67 (IEC 60529)	IP67 (IEC 60529)

Please contact customer service for additional information.
 Custom configurations available upon request.
 All specifications are subject to change