

M-LINK SERIES

Rugged, Facility and Field
Deployable Fiber Optic Cable
Assemblies



MultiDyne M-LINK™ FLEXIBLE INTER-CONNECT SYSTEM

Perhaps the most innovative fiber optic and electrical inter-connect solution to come along in years, MultiDyne has introduced the M-LINK™ connector family, the ultimate configurable fiber optic or hybrid (combination fiber optic and electrical) inter-connect solution to meet the majority of commercial, industrial and military application needs. This Patented (pending) connector platform starts with configurable pin or socket insert caps which can be added to either plug or receptacle. A series of modules are then provisioned into either male or female cavities to form an active channel for fiber pins, fiber optic sockets, electrical pins, electrical sockets or dummy modules to seal un-wanted cavities. Combined with M-LINK™ hybrid cable or fiber optic cable style back shells, the M-LINK™ system can also accommodate any configuration up to 32 channels, with any combination of fiber optic or #16 AWG electrical contacts.

Connectivity Environment:	HYBRID/FIBER OPTIC FIXED NETWORK
MIL Specification References:	PROPRIETARY
Channel Count:	2 - 7 CHANNELS
Description:	MultiDyne HIGH PERFORMANCE MULTI-CHANNEL FIBER OPTIC INTER-CONNECT SYSTEM
Termini Information:	M-LINK™ FIBER OPTIC TERMINI

M-Link Rugged Receptacle



M-Link Rugged Connector and Fan-out Assembly



SPECIFICATIONS

MultiDyne P/N

MDA-x-yy-ww-A110z
MDB-x-yy-ww-A110z
MDC-x-yy-ww-A100N
MDD-x-yy-ww-A100N
MDE-x-yy-ww-A100N
MDF-x-yy-ww-A100N
MDG-x-yy-ww-A100N
MDH-x-yy-ww-A100N
MTP2042DDO1
MUV164016AA
MUV164116AA

DESCRIPTION

7CH - M-LINK™ PLUG, MALE W/STRAIGHT BACKSHELL
7CH - M-LINK™ PLUG, FEMALE W/STRAIGHT BACKSHELL
7CH - M-LINK™ IN-LINE RECEPTACLE, MALE
7CH - M-LINK™ IN-LINE RECEPTACLE, FEMALE
7CH - M-LINK™ PANEL MNT RECEPTACLE, MALE
7CH - M-LINK™ PANEL MNT RECEPTACLE, FEMALE
7CH - M-LINK™ JAM NUT RECEPTACLE, MALE
7CH - M-LINK™ JAM NUT RECEPTACLE, FEMALE
M-LINK™, FIBER OPTIC TERMINI, NON-GENDER, 1.25mm FERRULE
PIN CONTACT, ELECTRICAL, 16 #AWG
SOCKET CONTACT, ELECTRICAL, 16 #AWG

DESCRIPTION

(x) = n, NOT USED
(x) = 1, 16 AWG W/O GRD
(x) = 2, 16 AWG W/ GRD
(x) = 3, 10 AWG W/O GRD
(x) = 4, 10 AWG W/ GRD
(yy) = 01-07 ELECTRICAL
(ww) = 01-07 FIBER OPTIC
(z) = A, "0.190 –

