

# FAS-NET MPO Fan-Out Hydra Cable

## MPO Pre-terminated LC, SC Fan-Out Hydra Cable

Infinique's FAS-NET MPO Fan-Out Hydra Cable Assemblies are designed for high density applications which require high performance and speedy installations without onsite terminations. These FAS-NET MPO Fan-Out Hydra Cable Assemblies are high density ruggedized fiber cable fan-outs connecting trunk cables directly to active equipment using the MTP Male Connector and MTP Female Connector. MTP fan-out cables are numbered for full traceability. Available in 12 core configurations, these space saving assemblies come with either MTP Male or MTP Female Connectors on one end and LC or SC Connectors on the other end. They are available in lengths of 5, 10 and 25 meters, custom lengths are available on request.

### Product Features

- Plug and Play
- Transition from Trunk Backbone to Fiber Rack
- 12 Core Configuration
- 65 - 75% space reduction compared to traditional Patch Cords
- Side A: MTP Male (pins) or MTP Female Connectors
- Side B: LC Simplex or SC Duplex Connectors
- Standard Length 05, 10, 25 meters (Optional Custom Length)
- Pulling Eye or single-fiber connectors side
- MPO fan-outs numbered for traceability
- Test Report with each assembly

### GENERAL INFORMATION

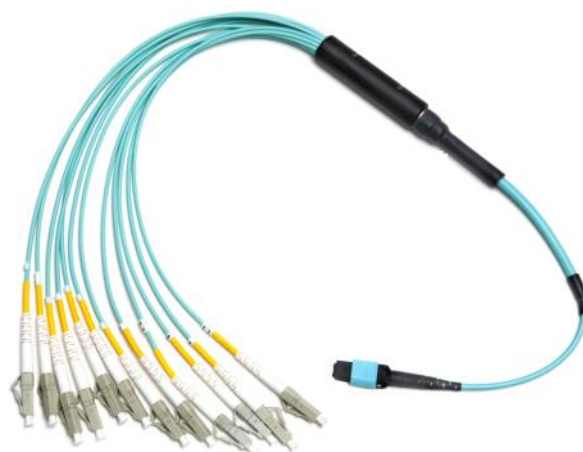
Environment	Indoor
Applications	For high density applications
Cable type	MPO Fan out Hydra Cable

### OPTICAL SPECIFICATIONS

Protection Class (IP) Connector (A)	IP20
Protection Class (IP) Connector (B)	IP20
Polishing Connector (A)	MTP Male / MTP Female - APC 8° Polish
Polishing Connector (B)	LC / SC
Insertion Loss (IL) (A)	< 0.35 dB
Return Loss (RL) (A)	> 50dB
Insertion Loss (IL) (A)	< 0.35 dB
Return Loss (RL) (A)	> 55dB
Mated Pair Vibration	10-55 Hz, 1.5mm P to P = 0.3dB change
Mating Cycles	Delta IL < 0.2 dB after 500 mating cycles
Patch Cord Pull-out Force	5N

### MATERIAL SPECIFICATIONS

Connector Body	PBT / UL 94 V-0
Cable Fiber Type	Singlemode, Multimode OM1, OM2, OM3, OM4
Cable Jacket	LSOH
Cable Color	SM: Yellow OM1: Grey, OM2: Orange, OM3:
Operating Temperature	-20°C~ +70°C
Storage Temperature	-40°C~ +80°C



### ORDERING INFORMATION

Part Number	Description	Connector A	Connector B	Length
MHCSMMLC12L5	Infinique Fan-Out Hydra cable LC-LC Male Singlemode 12C, LSOH 5 meters	MTP Male	LC	5m
MHCSMFLC12L5	Infinique Fan-Out Hydra cable LC-LC Female Singlemode 12C, LSOH 5 meters	MTP Female	LC	5m
MHCSMMSC12L5	Infinique Fan-Out Hydra cable SC-SC Male Singlemode 12C, LSOH 5 meters	MTP Male	SC	5m
MHCSMFSC12L5	Infinique Fan-Out Hydra cable SC-SC Female Singlemode 12C, LSOH 5 meters	MTP Female	SC	5m
MHCM3MLC12L5	Infinique Fan-Out Hydra cable LC-LC Male Multimode OM3 12C, LSOH 5 meters	MTP Male	LC	5m
MHCM3FLC12L5	Infinique Fan-Out Hydra cable LC-LC Female Multimode OM3 12C, LSOH 5 meters	MTP Female	LC	5m
MHCM3MSC12L5	Infinique Fan-Out Hydra cable SC-SC Male Multimode OM3 12C, LSOH 5 meters	MTP Male	SC	5m
MHCM3FSC12L5	Infinique Fan-Out Hydra cable SC-SC Female Multimode OM3 12C, LSOH 5 meters	MTP Female	SC	5m
MHCM4MLC12L5	Infinique Fan-Out Hydra cable LC-LC Male Multimode OM4 12C, LSOH 5 meters	MTP Male	LC	5m
MHCM4FLC12L5	Infinique Fan-Out Hydra cable LC-LC Female Multimode OM4 12C, LSOH 5 meters	MTP Female	LC	5m
MHCM4MSC12L5	Infinique Fan-Out Hydra cable SC-SC Male Multimode OM4 12C, LSOH 5 meters	MTP Male	SC	5m
MHCM4FSC12L5	Infinique Fan-Out Hydra cable SC-SC Female Multimode OM4 12C, LSOH 5 meters	MTP Female	SC	5m

Custom lengths available on request.