

## GT-MPOAFF24yS2Y-xM

MPO-APC Female /MPO-APC Female 24-Fiber Method-y Singlemode OS2 9/125 Plenum Cable Yellow- xM



The GigaTech Products **GT-MPOAFF24yS2Y-xM** fiber optic patch cord is ideal for short distance patching applications. These fiber optic cables have been built to exceed industry standards and are tested for insertion loss and reflectance on all connectors. They are constructed using Corning glass within UL certified OFNP (Plenum) rated jacket with Kevlar yarn, and are factory terminated resulting in uncompromised performance.

### Performance:

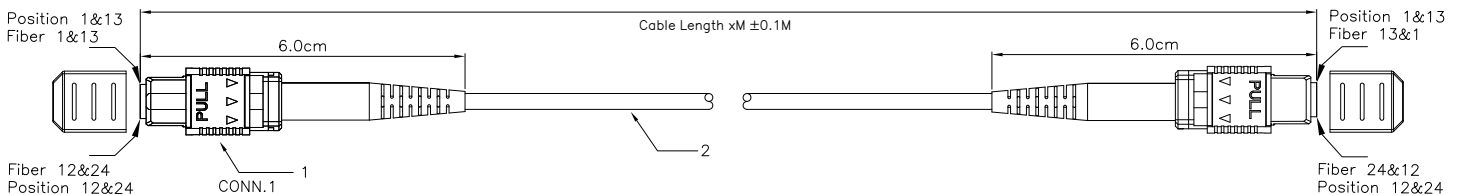
Insertion Loss (max.): <0.60dB  
 Optical Return Loss: >20dB  
 Storage Temperature: -40°C +80°C  
 Operation Temperature: -20°C +70°C  
 Attenuation dB/km max.: 1.0

### Fiber:

Core Diameter: 9µm  
 Cladding Diameter: 125µm  
 Inner Strength Material: Kevlar  
 Connector Type (1): MPO/F APC  
 Connector Style(1): Single  
 Connector Type (2): MPO/F APC  
 Connector Style (2): Single

### Jacket:

Jacket Size: 3.5mm  
 Jacket Style: Multifiber PVC  
 Jacket Color: Yellow  
 Fire Rating: OFNP (Plenum)



1	Mode	Ferrule	Housing	Boot	Cap
	SM	24 Fiber SM APC Low Loss	Yellow(PBT)	Black(TPR)	Black(TPR)

2	Category	Jacket O.D.	Jacket Material	Color
	OG.65782(9/125um)	ø3.50mm	PVC OFNP	Yellow

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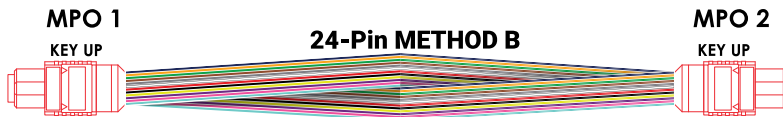
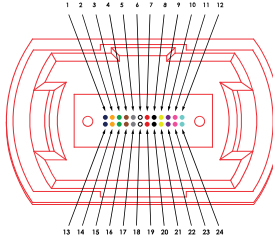
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## Cable Polarity Options



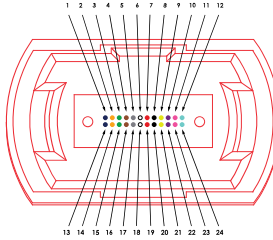
PIN OUT			
METHOD "A" KEY UP - KEY DOWN (STRAIGHT THROUGH)			
MPO 1	MPO 2	MPO 1	MPO 2
FIBER COLOR	POSITION	FIBER COLOR	POSITION
BLUE	1	BLUE	13
ORANGE	2	ORANGE	14
GREEN	3	GREEN	15
BROWN	4	BROWN	16
GREY	5	GREY	17
WHITE	6	WHITE	18
RED	7	RED	19
BLACK	8	BLACK	20
YELLOW	9	YELLOW	21
PURPLE	10	PURPLE	22
PINK	11	PINK	23
AQUA	12	AQUA	24
ROW 2			
BLUE	13	BLUE	1
ORANGE	14	ORANGE	2
GREEN	15	GREEN	3
BROWN	16	BROWN	4
GREY	17	GREY	5
WHITE	18	WHITE	6
RED	19	RED	7
BLACK	20	BLACK	8
YELLOW	21	YELLOW	9
PURPLE	22	PURPLE	10
PINK	23	PINK	11
AQUA	24	AQUA	12

MPO-24 Connector Fiber Assignments



PIN OUT			
METHOD "B" KEY UP - KEY UP (CROSSOVER)			
MPO 1	MPO 2	MPO 1	MPO 2
FIBER COLOR	POSITION	FIBER COLOR	POSITION
BLUE	1	BLUE	24
ORANGE	2	ORANGE	23
GREEN	3	GREEN	22
BROWN	4	BROWN	21
GREY	5	GREY	20
WHITE	6	WHITE	19
RED	7	RED	18
BLACK	8	BLACK	17
YELLOW	9	YELLOW	16
PURPLE	10	PURPLE	15
PINK	11	PINK	14
AQUA	12	AQUA	13
ROW 2			
BLUE	13	BLUE	12
ORANGE	14	ORANGE	11
GREEN	15	GREEN	10
BROWN	16	BROWN	9
GREY	17	GREY	8
WHITE	18	WHITE	7
RED	19	RED	6
BLACK	20	BLACK	5
YELLOW	21	YELLOW	4
PURPLE	22	PURPLE	3
PINK	23	PINK	2
AQUA	24	AQUA	1

MPO-24 Connector Fiber Assignments



PIN OUT			
METHOD "C" KEY UP - KEY DOWN (CROSS PAIR)			
MPO 1	MPO 2	MPO 1	MPO 2
FIBER COLOR	POSITION	FIBER COLOR	POSITION
BLUE	1	BLUE	14
ORANGE	2	ORANGE	13
GREEN	3	GREEN	16
BROWN	4	BROWN	15
GREY	5	GREY	18
WHITE	6	WHITE	17
RED	7	RED	20
BLACK	8	BLACK	19
YELLOW	9	YELLOW	22
PURPLE	10	PURPLE	21
PINK	11	PINK	24
AQUA	12	AQUA	23
ROW 2			
BLUE	13	BLUE	2
ORANGE	14	ORANGE	1
GREEN	15	GREEN	4
BROWN	16	BROWN	3
GREY	17	GREY	6
WHITE	18	WHITE	5
RED	19	RED	8
BLACK	20	BLACK	7
YELLOW	21	YELLOW	10
PURPLE	22	PURPLE	9
PINK	23	PINK	12
AQUA	24	AQUA	11

MPO-24 Connector Fiber Assignments

