GigaTech Products
Solutions for a better network

GT-MPAFF24*y*S2Y-*x*M
MTP-APC Female /MTP-APC Female 24-Fiber Method-y Singlemode OS2 9/125 Plenum Cable Yellow- xM

The GigaTech Products **GT-MAPFF24yS2Y-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): MTP/F APC

Connector Style(1): Single

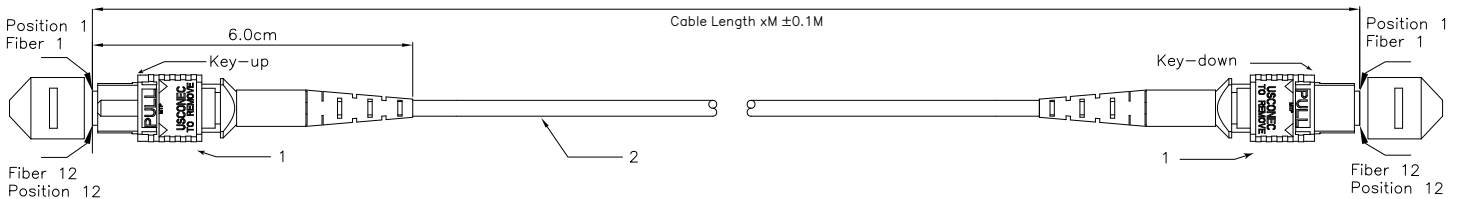Connector Type (2): MTP/F APC

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
	G.65781(9/125um)	Ø3.50mm	PVC OFNP	Yellow

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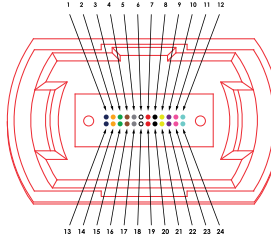MTP-APC Female /MTP-APC Female 24-Fiber Method-y Singlemode OS2 9/125 Plenum Cable Yellow- xM
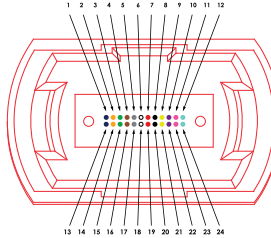
Cable Polarity Options

MTP 1 KEY UP   **24-Pin METHOD A**   **MTP 2** KEY DOWN

PIN OUT
METHOD "A" KEY UP - KEY DOWN (STRAIGHT THROUGH)

MTP 1 FIBER COLOR CONNECTOR A	MTP PIN OUT POSITION KEY UP		MTP 2 FIBER COLOR CONNECTOR B	MTP PIN OUT POSITION KEY DOWN
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

MTP-24 Connector Fiber Assignments

MTP 1 KEY UP   **24-Pin METHOD B**   **MTP 2** KEY UP

PIN OUT
METHOD "B" KEY UP - KEY UP (CROSSOVER)

MTP 1 FIBER COLOR CONNECTOR A	MTP PIN OUT POSITION KEY UP		MTP 2 FIBER COLOR CONNECTOR B	MTP PIN OUT POSITION KEY UP
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

MTP-24 Connector Fiber Assignments

MTP 1 KEY UP   **24-Pin METHOD C**   **MTP 2** KEY DOWN

PIN OUT
METHOD "C" KEY UP - KEY DOWN (CROSS PAIR)

MTP 1 FIBER COLOR CONNECTOR A	MTP PIN OUT POSITION KEY UP		MTP 2 FIBER COLOR CONNECTOR B	MTP PIN OUT POSITION KEY DOWN
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

MTP-24 Connector Fiber Assignments

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