



## Double Fanout Cable Assembly

**Example Part Number:** SS9F2YPXXXF46C--1P

12 Fiber ST/UPC to ST/UPC Custom Cable Assembly - 9/125µm Singlemode OS2 - Distribution Yellow Plenum Rated - Various Total Lengths with a 4 Foot Breakout Length on Side A and a 6 Foot Breakout Length on Side B using 2mm Yellow Tubing - 1 Pulling Eye Attached



### 1. Select Connector

D = SC/UPC  
E = SC/APC  
H = FC/UPC  
I = FC/APC  
K = LC/UPC  
L = LC/APC  
S = ST/UPC  
Z = PIGTAIL  
F = E2000 \*  
G = E2000/APC \*  
M = MDC/UPC  
N = MDC/APC

### 2. Select Fiber Mode

9 = Singlemode 9/125µm OS2  
6 = Multimode 62.5/125µm OM1  
2 = Multimode 50/125µm OM2  
7 = Multimode 50/125µm OM3  
4 = Multimode 50/125µm OM4  
5 = Multimode 50/125µm OM5

### 3. Select Cable Type

E = Micro Distribution  
F = Distribution  
I = Indoor/Outdoor Tight Buffer  
D = Indoor/ Outdoor Dry Loose Tube  
O = Oval Jacketed Ribbon  
A = Armored Distribution  
G = Armored Micro Distribution  
J = Armored Indoor/Outdoor Tight Buffer  
Q = Armored Indoor/ Outdoor Dry Loose Tube  
R = Bare Ribbon  
T = Tactical \*

### 4. Select Fanout Color

Y = Yellow  
O = Orange  
A = Aqua  
M = Multi-Color  
B = Black

### 5. Select Fanout Diameter

2 = 2mm Rugged Tubing  
4 = 900µm Tight Buffer/Tubes  
6 = 250µm Bare Fiber \*\*

### 6. Select Jacket Material

R = Riser (OFNR)  
P = Plenum (OFNP)  
L = Low-Smoke Zero Halogen\*  
N = None\*\*  
C = Customer Request

### 7. Select ≥3 Digit Total Length

### 8. Select Units of Measure

M = Meters  
F = Feet  
C = Centimeters  
I = Inches

### 9. Side A Breakout Length

2 = 0.5 Meters (Default)  
3 = 0.33 Meters  
8 = 1 Meter  
9 = 2 Meters  
4 = 4 Feet  
6 = 6 Feet

### 10. Side B Breakout Length

2 = 0.5 Meters (Default)  
3 = 0.33 Meters  
8 = 1 Meter  
9 = 2 Meters  
4 = 4 Feet  
6 = 6 Feet

### 11. Fiber Count

A = 1 Fiber  
B = 2 Fibers  
G = 4 Fibers  
E = 6 Fibers  
F = 8 Fibers  
C = 12 Fibers  
D = 24 Fibers\*\*  
J = 48 Fibers\* \*\*  
K = 72 Fibers\* \*\*  
. = 96 Fibers\* \*\*  
L = 144 Fibers\* \*\*  
X = Special/ Customer Request

\*\* -1P Added for 1 Pulling Eye

\* Extra Lead time May Apply  
\*\* Not Available for all cable types

## MTP Fanout Custom Cable Assembly

**Example Part Number: MTF-LK7E2AP003M2C**

12 Fiber MTP/UPC Standard Male to (x12) LC/UPC Fanout Assembly - 50/125µm  
Multimode OM3 - Aqua Micro Distribution Plenum Rated - 3 Meters in Total Length with a  
0.5 Meter Fanout Length using 2mm Aqua Tubing

### MTF –

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#### 1. Select Connector A

A = 8F MTP/APC Standard (male)  
B = 8F MTP/APC Standard (female)  
5 = 8F MTP/APC Elite (male)  
6 = 8F MTP/APC Elite (female)  
C = 8F MTP/UPC Standard (male)  
D = 8F MTP/UPC Standard (female)  
7 = 8F MTP/UPC Elite (male)  
8 = 8F MTP/UPC Elite (female)

E = 12F MTP/APC Elite (male)  
F = 12F MTP/APC Elite (female)  
G = 12F MTP/APC Standard (male)  
H = 12F MTP/APC Standard (female)  
I = 12F MTP/UPC Elite (male)  
J = 12F MTP/UPC Elite (female)  
K = 12F MTP/UPC Standard (male)  
L = 12F MTP/UPC Standard (female)

1 = 24F MTP/APC Elite (male)  
2 = 24F MTP/APC Elite (female)  
M = 24F MTP/APC Standard (male)  
N = 24F MTP/APC Standard (female)  
3 = 24F MTP/UPC Elite (male)  
4 = 24F MTP/UPC Elite (female)  
O = 24F MTP/UPC Standard (male)  
P = 24F MTP/UPC Standard (female)

U = 48F MTP/APC Elite (male)  
V = 48F MTP/APC Elite (female)  
Q = 48F MTP/APC Standard (male)  
R = 48F MTP/APC Standard (female)  
W = 48F MTP/UPC Elite (male)  
X = 48F MTP/UPC Elite (female)  
S = 48F MTP/UPC Standard (male)  
T = 48F MTP/UPC Standard (female)

Z = Pigtail

#### 2. Select Connector B

K = LC/UPC  
L = LC/APC  
D = SC/UPC  
E = SC/APC  
H = FC/UPC  
I = FC/APC  
S = ST/UPC  
M = MDC/UPC\*  
N = MDC/APC\*  
Z = Pigtail

#### 3. Select Fiber Mode

9 = Singlemode 9/125µm OS2  
6 = Multimode 62.5/125µm OM1  
2 = Multimode 50/125µm OM2  
7 = Multimode 50/125µm OM3  
4 = Multimode 50/125µm OM4  
5 = Multimode 50/125µm OM5

#### 4. Select Cable Type

E = Micro Distribution  
F = Distribution (not recommended)  
I = Indoor/Outdoor Tight Buffer - (not recommended)  
D = Indoor/ Outdoor Dry Loose Tube  
O = Oval Jacketed Ribbon  
A = Armored Distribution (not recommended)  
G = Armored Micro Distribution  
J = Armored Indoor/Outdoor Tight Buffer Armored  
Q = Indoor/ Outdoor Dry Loose Tube Bare Ribbon  
R = Tactical \*  
T =

#### 5. Select Fanout Diameter

2 = 2mm Rugged Tubing  
4 = 900µm Tight Buffer/Tubes  
6 = 250µm Bare Fiber \*\*

#### 6. Select Fanout Color

Y = Yellow  
O = Orange  
A = Aqua  
M = Multi-Color  
B = Black

#### 7. Select Jacket Material

R = Riser (OFNR)  
P = Plenum (OFNP)  
L = Low-Smoke Zero Halogen\*  
N = None\*\*  
C = Customer Request

#### 8. Select ≥3 Digit Total Length

#### 9. Select Units of Measure

M = Meters  
F = Feet  
C = Centimeters  
I = Inches

#### 10. Select Fanout Length

2 = 0.5 Meters (Default)  
3 = 0.33 Meters  
8 = 1 Meter  
9 = 2 Meters  
C = Other/ Customer Request

#### 11. Select Fiber Count

G = 4 Fibers  
E = 6 Fibers  
F = 8 Fibers  
C = 12 Fibers  
D = 24 Fibers\*\*  
J = 48 Fibers\* \*\*  
K = 72 Fibers\* \*\*  
M = 96 Fibers\* \*\*  
L = 144 Fibers\* \*\*  
X = Special/ Customer Request

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Extra Lead time May Apply  
Not Available for all cable types

## MTP to MTP Custom Cable Assembly

**Example Part Number: MT-LL7EAP001MCX**

12 Fiber MTP/UPC Standard Female to MTP/UPC Standard Female - 50/125µm Multimode  
OM3 - Aqua Micro Distribution Plenum Rated - 1 Meters in Total Length - Method B Polarity

# MT -



### 1. Select Connector

A = 8F MTP/APC Standard (male)  
B = 8F MTP/APC Standard (female)  
5 = 8F MTP/APC Elite (male)  
6 = 8F MTP/APC Elite (female)  
C = 8F MTP/UPC Standard (male)  
D = 8F MTP/UPC Standard (female)  
7 = 8F MTP/UPC Elite (male)  
8 = 8F MTP/UPC Elite (female)

E = 12F MTP/APC Elite (male)  
F = 12F MTP/APC Elite (female)  
G = 12F MTP/APC Standard (male)  
H = 12F MTP/APC Standard (female)  
I = 12F MTP/UPC Elite (male)  
J = 12F MTP/UPC Elite (female)  
K = 12F MTP/UPC Standard (male)  
L = 12F MTP/UPC Standard (female)

1 = 24F MTP/APC Elite (male)  
2 = 24F MTP/APC Elite (female)  
M = 24F MTP/APC Standard (male)  
N = 24F MTP/APC Standard (female)  
3 = 24F MTP/UPC Elite (male)  
4 = 24F MTP/UPC Elite (female)  
O = 24F MTP/UPC Standard (male)  
P = 24F MTP/UPC Standard (female)

U = 48F MTP/APC Elite (male)  
V = 48F MTP/APC Elite (female)  
Q = 48F MTP/APC Standard (male)  
R = 48F MTP/APC Standard (female)  
W = 48F MTP/UPC Elite (male)  
X = 48F MTP/UPC Elite (female)  
S = 48F MTP/UPC Standard (male)  
T = 48F MTP/UPC Standard (female)

Z = Pigtail

### 2. Select Fiber Mode

9 = Singlemode 9/125µm OS2  
6 = Multimode 62.5/125µm OM1  
2 = Multimode 50/125µm OM2  
7 = Multimode 50/125µm OM3  
4 = Multimode 50/125µm OM4  
5 = Multimode 50/125µm OM5

### 3. Select Cable Type

E = Micro Distribution  
F = Distribution (not recommended)  
I = Indoor/Outdoor Tight Buffer (not recommended)  
D = Indoor/ Outdoor Dry Loose Tube  
O = Oval Jacketed Ribbon  
A = Armored Distribution (not recommended)  
G = Armored Micro Distribution  
J = Armored Indoor/Outdoor Tight Buffer Armored  
Q = Indoor/ Outdoor Dry Loose Tube  
R = Bare Ribbon  
T = Tactical \*

### 4. Select Jacket Color

Y = Yellow  
O = Orange  
A = Aqua  
M = Multi-Color  
B = Black

### 5. Select Jacket Material

R = Riser (OFNR)  
P = Plenum (OFNP)  
L = Low-Smoke Zero Halogen\*  
N = None\*\*  
C = Customer Request

### 6. Select ≥3 Digit Total Length

### 7. Select Units of Measure

M = Meters  
F = Feet  
C = Centimeters  
I = Inches

### 8. Select Fiber Count

A = 1 Fiber  
B = 2 Fibers  
G = 4 Fibers  
E = 6 Fibers  
F = 8 Fibers  
C = 12 Fibers  
D = 24 Fibers\*\*  
J = 48 Fibers\* \*\*  
K = 72 Fibers\* \*\*  
M = 96 Fibers\* \*\*  
L = 144 Fibers\* \*\*  
X = Special/ Customer Request

### 9. Select Polarity

S = Straight Cable, Key-Up to Key-Down, Pin 1 to Pin 1, Method A  
X = Crossover Cable, Key-Up to Key-Up, Pin 1 to Pin 12 - Method B  
3 = Pairwise Flip, Method C, Pin 1 to 2, 2 to 1, 3 to 4, 4 to 3, etc.  
G = 24f Row Flip, Key-Up to Key-Down, Pin 1 to Pin 13

\* Extra Lead time May Apply  
\*\* Not Available for all cable types

## MTP Cassette - LGX Mountable

**Example Part Number: MPC-12LCK17L**

12 Fiber MTP/UPC Standard Male to (x12) LC/UPC Cassette - 50/125µm Multimode OM3 -  
LGX Mountable - Straight Pinout

**MTC** -       -   
**1** **2** **3** **4** **5** **6** **7**

### 1. Select Fiber Count

≤12 = Any Connector  
24 = LC Connectors

### 2. Select Face Connector

LC = LC/UPC  
LCA = LC/APC  
SC = SC/UPC  
SCA = SC/APC  
FC = FC/UPC\*  
FCA = FC/APC\*  
ST = ST/UPC\*

### 3. Select Rear MTP

A = 8F MTP/APC (male)  
B = 8F MTP/APC (female)  
C = 8F MTP/UPC (male)  
D = 8F MTP/UPC (female)  
E = 12F MTP/APC Elite (male)  
F = 12F MTP/APC Elite (female)  
G = 12F MTP/APC Standard (male)  
H = 12F MTP/APC Standard (female)  
I = 12F MTP/UPC Elite (male)  
J = 12F MTP/UPC Elite (female)  
K = 12F MTP/UPC Standard (male)  
L = 12F MTP/UPC Standard (female)  
M = 24F MTP/APC Elite (male)  
N = 24F MTP/APC Elite (female)  
O = 24F MTP/APC Standard (male)  
P = 24F MTP/APC Standard (female)  
Q = 24F MTP/UPC Elite (male)  
R = 24F MTP/UPC Elite (female)  
S = 24F MTP/UPC Standard (male)  
T = 24F MTP/UPC Standard (female)  
U = 16F MTP/APC Elite (male)  
V = 16F MTP/APC Elite (female)  
W = 16F MTP/APC Standard (male)  
X = 16F MTP/APC Standard (female)  
Y = 16F MTP/UPC Elite (male)  
Z = 16F MTP/UPC Elite (female)  
1 = 16F MTP/UPC Standard (male)  
2 = 16F MTP/UPC Standard (female)

### 4. Select # of MTP's

### 5. Select Fiber Mode

9 = Singlemode 9/125µm OS2  
6 = Multimode 62.5/125µm OM1  
2 = Multimode 50/125µm OM2  
7 = Multimode 50/125µm OM3  
4 = Multimode 50/125µm OM4\*  
5 = Multimode 50/125µm OM5

### 6. Select Cassette Size

L = LGX Mounting  
P = Slim P-Type

### 7. Select Polarity

= Blank: Straight Pinout 1, 2, 3...  
U = Universal Pinout  
UI = Inverted Universal (pairs reversed)  
Q = QSFP Pinout (12 fiber MTP's only)  
C = Customer provided pinout

\*  
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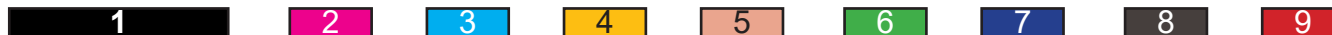
Extra Lead time May Apply  
Not Available for all cable types

## MTP Cassette - LGX Mountable

**Example Part Number: MT16-EE7EAP001MCX**

16 Fiber MTP Cable Assembly, MTP/UPC Std. (f) to MTP/UPC Std. (f), Multimode 50/125µm OM3, Aqua Plenum Micro Distribution Cable, 1 meter long, Crossover Key-up to Key-Up.

### MT16 -



#### 1. Select Connector

A = 16F MTP/APC Standard (male)  
 B = 16F MTP/APC Standard (female)  
 C = 16F MTP/APC Elite (male)  
 D = 16F MTP/APC Elite (female)  
 E = 16F MTP/UPC Standard (male)  
 F = 16F MTP/UPC Standard (female)  
 G = 16F MTP/UPC Elite (male)  
 H = 16F MTP/UPC Elite (female)

Z = Pigtail

#### 2. Select Fiber Mode

9 = Singlemode 9/125µm OS2  
 6 = Multimode 62.5/125µm OM1  
 2 = Multimode 50/125µm OM2  
 7 = Multimode 50/125µm OM3  
 4 = Multimode 50/125µm OM4  
 5 = Multimode 50/125µm OM5

#### 3. Select Cable Type

E = Micro Distribution  
 F = Distribution  
 I = Indoor/Outdoor Tight Buffer  
 D = Indoor/ Outdoor Dry Loose Tube  
 O = Oval Jacketed Ribbon  
 A = Armored Distribution  
 G = Armored Micro Distribution  
 J = Armored Indoor/Outdoor Tight Buffer  
 Q = Armored Indoor/ Outdoor Dry Loose Tube  
 R = Bare Ribbon  
 T = Tactical \*

#### 4. Select Jacket Color

Y = Yellow  
 O = Orange  
 A = Aqua  
 M = Multi-Color  
 B = Black

#### 5. Select Jacket Material

R = Riser (OFNR)  
 P = Plenum (OFNP)  
 L = Low-Smoke Zero Halogen\*  
 N = None\*\*  
 C = Customer Request

#### 6. Select ≥3 Digit Total Length

#### 7. Select Units of Measure

M = Meters  
 F = Feet  
 C = Centimeters  
 I = Inches

#### 8. Select Fiber Count

A = 1 Fiber  
 B = 2 Fibers  
 G = 4 Fibers  
 E = 6 Fibers  
 F = 8 Fibers  
 C = 12 Fibers  
 D = 24 Fibers\*\*  
 J = 48 Fibers\* \*\*  
 K = 72 Fibers\* \*\*  
 M = 96 Fibers\* \*\*  
 L = 144 Fibers\* \*\*  
 X = Special/ Customer Request

#### 9. Select Polarity

S = Straight Cable, Key-Up to Key-Down, Pin 1 to Pin 1, Method A  
 X = Crossover Cable, Key-Up to Key-Up, Pin 1 to Pin 12  
 3 = Pairwise Flip, Method C, Pin 1 to 2, 2 to 1, 3 to 4, 4 to 3, etc.

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Extra Lead time May Apply  
 Not Available for all cable types

## MTP Trunk Custom Cable Assembly

**Example Part Number: MTT-L48L48-7EAP075MJS**

48 Fiber MTP Trunk Cable Assembly - (4x) MTP/UPC Std. (f) to (4x) MTP/UPC Std. (f) - Multimode 50/125µm OM3 - Aqua Plenum Micro Distribution Cable - 75 Meters in Total Length with 1 Meter Fanouts (both sides) using 3mm Aqua Tubing - Method A Polarity



### 1. Select Connector

- A = 8F MTP/APC Standard (male)
- B = 8F MTP/APC Standard (female)
- 5 = 8F MTP/APC Elite (male)
- 6 = 8F MTP/APC Elite (female)
- C = 8F MTP/UPC Standard (male)
- D = 8F MTP/UPC Standard (female)
- 7 = 8F MTP/UPC Elite (male)
- 8 = 8F MTP/UPC Elite (female)

- E = 12F MTP/APC Elite (male)
- F = 12F MTP/APC Elite (female)
- G = 12F MTP/APC Standard (male)
- H = 12F MTP/APC Standard (female)
- I = 12F MTP/UPC Elite (male)
- J = 12F MTP/UPC Elite (female)
- K = 12F MTP/UPC Standard (male)
- L = 12F MTP/UPC Standard (female)

- 1 = 24F MTP/APC Elite (male)
- 2 = 24F MTP/APC Elite (female)
- M = 24F MTP/APC Standard (male)
- N = 24F MTP/APC Standard (female)
- 3 = 24F MTP/UPC Elite (male)
- 4 = 24F MTP/UPC Elite (female)
- O = 24F MTP/UPC Standard (male)
- P = 24F MTP/UPC Standard (female)

- U = 48F MTP/APC Elite (male)
- V = 48F MTP/APC Elite (female)
- Q = 48F MTP/APC Standard (male)
- R = 48F MTP/APC Standard (female)
- W = 48F MTP/UPC Elite (male)
- X = 48F MTP/UPC Elite (female)
- S = 48F MTP/UPC Standard (male)
- T = 48F MTP/UPC Standard (female)

- Z = Pigtail

### 2. Select # of Connectors

### 3. Select Fanout Length

- 2 = 0.5 Meters (Default)
- 3 = 0.33 Meters
- 8 = 1 Meter
- 9 = 2 Meters
- C = Other/ Customer Request

### 4. Select Fiber Mode

- 9 = Singlemode 9/125µm OS2
- 6 = Multimode 62.5/125µm OM1
- 2 = Multimode 50/125µm OM2
- 7 = Multimode 50/125µm OM3
- 4 = Multimode 50/125µm OM4
- 5 = Multimode 50/125µm OM5

### 5. Select Cable Type

- E = Micro Distribution
- D = Indoor/ Outdoor Dry Loose Tube
- G = Armored Micro Distribution
- Q = Armored Indoor/ Outdoor Dry Loose
- T = Tactical \*

### 6. Select Jacket Color

- Y = Yellow
- O = Orange
- A = Aqua
- B = Black

### 7. Select Jacket Material

- R = Riser (OFNR)
- P = Plenum (OFNP)
- L = Low-Smoke Zero Halogen\*
- N = None\*\*
- C = Customer Request

### 8. Select ≥3 Digit Total Length

### 9. Select Units of Measure

- M = Meters
- F = Feet
- C = Centimeters
- I = Inches

### 10. Select Fiber Count

- G = 4 Fibers
- E = 6 Fibers
- F = 8 Fibers
- C = 12 Fibers
- D = 24 Fibers\*\*
- J = 48 Fibers\* \*\*
- K = 72 Fibers\* \*\*
- M = 96 Fibers\* \*\*
- L = 144 Fibers\* \*\*
- X = Special/ Customer Request

### 11. Select Polarity

- S = Straight Cable, Key-Up to Key-Down, Pin 1 to Pin 1, Method A
- X = Crossover Cable, Key-Up to Key-Up, Pin 1 to Pin 12
- 3 = Pairwise Flip, Method C, Pin 1 to 2, 2 to 1, 3 to 4, 4 to 3, etc.
- G = 24f Row Flip, Key-Up to Key-Down, Pin 1 to Pin 13

\* Extra Lead time May Apply  
 \*\* Not Available for all cable types

## Simplex/Duplex Custom Patch Cables

**Example Part Number: PC-KK9D3YR01M**

LC/UPC to LC/UPC Duplex Fiber Optic Patch Cable - 9/125µm Singlemode OS2 - 3mm  
Yellow PVC Rated Jacket - 1 Meter in Total Length



### 1. Select Product Group

PC = Standard Patch Cable  
PCT= TAA Compliant Patch Cable  
PCA= Armored Patch Cable  
PCAT= TAA Compliant Armored Patch Cable

### 2. Select Connector

K = LC/UPC  
L = LC/APC  
D = SC/UPC  
E = SC/APC  
H = FC/UPC  
I = FC/APC  
S = ST/UPC  
F = E2000\*  
G = E2000/APC\*  
M = MCD/UPC  
N = MDC/APC  
Y = MTRJ (female)\* \*\*  
Z = Pigtail

### 3. Select Fiber Mode

9 = Singlemode 9/125µm OS2  
6 = Multimode 62.5/125µm OM1  
2 = Multimode 50/125µm OM2  
7 = Multimode 50/125µm OM3  
4 = Multimode 50/125µm OM4  
5 = Multimode 50/125µm OM5

### 4. Select Fiber Count

D = Duplex (2 Fiber)  
S = Simplex (1Fiber)

### 5. Select Cable Diameter

2 = 2mm Jacket  
3 = 3mm Jacket  
4 = 900µm Tight Buffer/Tubing  
6 = 250µm Bare Fiber  
7 = 500µm Bare Fiber\*

### 6. Select Jacket Color

L = Blue  
O = Orange  
G = Green  
E = Brown  
S = Slate  
W = White  
R = Red  
B = Black  
Y = Yellow  
U = Purple  
P = Pink  
A = Aqua  
N = Clear

### 7. Select Jacket Material

R = Riser (OFNR) Plenum  
P = (OFNP)  
L = Low-Smoke Zero Halogen\*  
N = None\*\*  
C = Customer Request  
V = PVC - for (PC-) Patch Cables

### 8. Select 2 Digit Total Length

### 9. Select Units of Measure

M = Meters  
F = Feet  
C = Centimeters  
I = Inches

\*\*\*Add a (-X) to the end of the part number  
to indicate a crossover polarity

\* Extra Lead time May Apply  
\*\* Not Available for all cable types