

# **CABLE ASSEMBLIES**

## **“BUILDING A PRODUCT”**

The next section of your *3M Telecom Price Notebook* contains a number of aids to facilitate ordering our custom Fiber Optic Cable Assembly product line. Use the charts to arrive at the product number and/or price of the configuration you wish to purchase. If further assistance is needed, feel free to contact your 3M Telecom Division Customer Service Representative or your 3M Sales Representative.

NOTE: ST is a registered trademark of AT&T.

**A** Single-mode, supplied connector and cable  
**B** Multimode, supplied connector and cable

## Multimode 125

EM - FC  
DB - SC  
AN - ST  
DS - SC LOW EMI  
DU - LC  
DX - LC Repo Boot

## Single-mode

EN - FC  
EP - SC/APC  
DA - SC  
AM - ST  
EX - FC/APC Key 2.0  
DT - SC LOW EMI  
DV - LC  
DW - LC/APC  
DY - LC Repo Boot  
DZ - LC/APC Repo Boot

[illegible]

**(Same as in End #1)**

## 00- Pigtail

**\*Note Pigtails must be ordered in multiples of two**

$$\square + \square \subseteq \square \subseteq \square$$

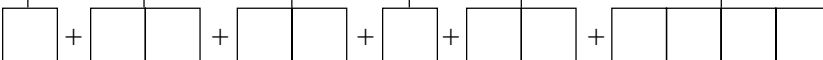
- (hyphen) Standard

[illegible]

**See Pages II-V**

1000000

0001 - 1 meter  
0003 - 3 meters  
0005 - 5 meters  
0010 - 10 meters  
Etc.



Contact Customer Service for specifications on standard cable. Non-standard cables and lengths are also available.

## A: CUSTOM LENGTH SINGLE-MODE PIGTAILS & JUMPERS

### STEP 1:

## BUILDING THE PRODUCT NUMBER:

**A** □ □ □ □ - □ □ □ □ + **A** □ □ □ □ - □ □ □ □ = **A** □ □ □ □ - □ □ □ □ □ □

CONNECTOR CODES CABLE CODE LENGTH PRODUCT NUMBER

## STEP 2:

## BUILDING THE PRICE:

$$\begin{array}{ccccccc} \$ \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}} . \boxed{\phantom{0}} \boxed{\phantom{0}} & + & ( \$ \boxed{\phantom{0}} . \boxed{\phantom{0}} \boxed{\phantom{0}} & \times & \boxed{\phantom{0}} \text{ METERS } ) & = & \$ \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}} . \boxed{\phantom{0}} \boxed{\phantom{0}} \\ \text{CONNECTOR PRICE} & & \text{CABLE PRICE} & & \text{LENGTH} & & \text{PRICE} \end{array}$$

### CONNECTOR CODE & PRICE

CONNECTOR	CODE	SUGG. LIST.	DIST.
FC	EN	10.45	7.30
SC	DA	10.45	7.30
SC/APC	EP	14.30	10.00
ST	AM	10.35	7.25
FC/APC KEY 2.0	EX	14.30	10.00
SC LOW EMI	DT	17.15	12.00
LC	DV	14.30	10.00
LC/APC	DW	15.70	11.00
LC REPO BOOT	DY	17.15	12.00
LC/APC REPO BOOT	DZ	18.60	13.00
NO CONNECTOR (PIGTAIL)*	OO		

### CABLE CODE & PRICE

CABLE	CODE	PRICE PER METER
**JACKETED (3.0 mm)	AT	0.40
UNJACKETED (900 μm)	AU	0.40
**JACKETED DUPLEX (3.0 mm)	BW	1.00
**JACKETED (2.0 mm)	CU	0.40
**JACKETED DUPLEX (2.0 mm)	CV	0.95

† **LENGTH**

0001	-	1 METER
0003	-	3 METERS
0005	-	5 METERS
0010	-	10 METERS
0015	-	15 METERS
0020	-	20 METERS

Note: Length Tolerance  
-0 /+.15 meters (6 inches)  
† Any length may be ordered.

**\*\*RISER RATED CABLE**

**\*NOTE:**

**PIGTAILS** = PRICE OF ONE CONNECTOR  
MUST BE ORDERED IN MULTIPLES  
OF TWO

**DUPLEX** = 4 TIMES PRICE OF ONE CONNECTOR

**JUMPER** = 2 TIMES PRICE OF ONE CONNECTOR

**DUPLEX PIGTAIL = 2 TIMES PRICE OF ONE CONNECTOR**

**HYBRID JUMPERS = 1 TIMES PRICE OF EACH CONNECTOR**

**DUPLEX HYBRID** = 2 TIMES PRICE OF EACH CONNECTOR

**Example:** (Single-mode)

ST TO ST, STANDARD, JACKETED CABLE, 10 METERS, DISTRIBUTOR

A	A	M	A	M	-	A	T	0	0	1	0
---	---	---	---	---	---	---	---	---	---	---	---

(AAMAM-AT0010)

$$14.50 + (10 \times 0.40) = \$18.50$$

## B: CUSTOM LENGTH MULTIMODE PIGTAILS & JUMPERS

### STEP 1:

## BUILDING THE PRODUCT NUMBER:

**B**















 - 















 + **B**















 - 















 = **B**















 -

**CONNECTOR CODES** **CABLE CODE** **LENGTH** **PRODUCT NUMBER**

## STEP 2:

## BUILDING THE PRICE:

$$\begin{array}{ccccccc} \$ \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}} . \boxed{\phantom{0}} \boxed{\phantom{0}} & + & \left( \$ \boxed{\phantom{0}} . \boxed{\phantom{0}} \boxed{\phantom{0}} \right. & \times & \boxed{\phantom{0}} \text{ METERS } & \left. \right) & = & \$ \boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{\phantom{0}} . \boxed{\phantom{0}} \boxed{\phantom{0}} \\ \text{CONNECTOR PRICE} & & \text{CABLE PRICE} & & \text{LENGTH} & & & \text{PRICE} \end{array}$$

### CONNECTOR CODE & PRICE

MULTI MODE 125	SUGG. LIST	DIST.
EM - FC	14.30	10.00
DB - SC	8.90	6.25
AN - ST	8.60	6.00
DS - SC LOW EMI	15.70	11.00
DU - LC	10.70	7.50
DX - LC REPO BOOT	13.60	9.50
OO - NO CONNECTOR (PIGTAIL)*		

**\*NOTE:**

**PIGTAILS** = PRICE OF ONE CONNECTOR  
MUST BE ORDERED IN MULTIPLES  
OF TWO.

**DUPLEX = 4 TIMES PRICE OF ONE CONNECTOR**

**DUPLEX PIGTAIL = 2 TIMES PRICE OF ONE CONNECTOR**

**JUMPER** = 2 TIMES PRICE OF ONE CONNECTOR

**HYBRID JUMPERS = 1 TIMES PRICE OF EACH CONNECTOR**

**DUPLEX HYBRID** = 2 TIMES PRICE OF EACH CONNECTOR

### **CABLE CODE & PRICE**

	CODE	PRICE PER METER
50/125 JACKETED (3.0 mm)	ZJ	0.62
50/125 JACKETED (2.0 mm)	CQ	0.55
50/125 DUPLEX JACKETED (3.0 mm)	AX	1.25
50/125 DUPLEX JACKETED (2.0 mm)	CR	1.00
50/125 GGP DUPLEX JACKETED	CC	1.70
62.5/125 JACKETED (3.0 mm)	AF	0.62
62.5/125 JACKETED (2.0 mm)	CS	0.55
62.5/125 DUPLEX JACKETED (3.0 mm)	AQ	1.25
62.5/125 DUPLEX JACKETED (2.0 mm)	CT	1.00
62.5/125 GGP DUPLEX JACKETED	CA	1.70

## RISER RATED CABLE

† **LENGTH**

```
0001 - 1 METER
0003 - 3 METERS
0005 - 5 METERS
0010 - 10 METERS
0015 - 15 METERS
0020 - 20 METERS
```

**Note:** Length Tolerance  
-0/+ .15 meters (6 inches)  
†Any length may be ordered.

**Example:** (Multimode)

ST TO ST, STANDARD, 62.5/125 JACKETED CABLE,  
10 METERS. DISTRIBUTOR





B	A	N	A	N	-	A	F	0	0	1	0
---	---	---	---	---	---	---	---	---	---	---	---

(BANAN-AF0010)  
(6.00 x 2) + (10 x 0.62) = \$18.20

## PRE-CONNECTORIZED MULTI-FIBER CABLE

### STEP 1:

### BUILDING THE PART NUMBER:

**A= SINGLE-MODE**      **CONNECTOR CODES**      **CABLE CODE**      **CABLE LENGTH**  
**B= MULTIMODE**

## STEP 2:

### BUILDING THE PRICE:

$$\left( \$ \boxed{\phantom{00}} \boxed{\phantom{00}} . \boxed{\phantom{00}} \boxed{\phantom{00}} \times \text{NUMBER OF TERMINATIONS} \right) + \left( \$ \boxed{\phantom{00}} \boxed{\phantom{00}} . \boxed{\phantom{00}} \boxed{\phantom{00}} \times \boxed{\phantom{00}} \text{ METERS} \right) + \text{BREAK OUT CHARGE} = \boxed{\phantom{00}} \boxed{\phantom{00}} \boxed{\phantom{00}} . \boxed{\phantom{00}} \boxed{\phantom{00}} \boxed{\phantom{00}}$$

CONNECTOR PRICE                      CABLE PRICE                      LENGTH                      PRICE

### CONNECTOR CODE & PRICE (One Connector Termination)

SINGLE-MODE	CODE	SUGG. LIST	DIST.
FC	EN	17.15	12.00
SC	DA	17.15	12.00
ST	AM	15.70	11.00
SC/APC	EP	18.60	13.00
FC/APC KEY 2.0	EX	18.60	13.00
LC	DV	18.60	13.00
NO CONNECTOR (PIGTAIL)	*OO		

**\*NOTE:** PIGTAIL = PRICE OF ONE CONNECTOR TIMES THE NO. OF FIBERS  
JUMPER = 2 TIMES THE PRICE OF ONE CONNECTOR TIME THE NO.  
OF FIBERS

PRE-CONNECTORIZED MULTI-FIBER PIGTAIL ASSEMBLIES MUST BE ORDERED IN MULTIPLES OF TWO FOR THE SAME CABLE CODE.

## BREAK OUT CHARGE

4-12	FIBER	\$100.00
24	FIBER	\$200.00
36	FIBER	\$300.00
48	FIBER	\$400.00
72	FIBER	\$500.00
96	FIBER	\$600.00

**CABLE CODE & PRICE**

SINGLE-MODE	CODE	PRICE PER METER
900 μm subunits		
4 FIBER	EA	1.40
6 FIBER	EB	1.85
12 FIBER	GY	4.45
24 FIBER	EC	9.00
36 FIBER	ED	15.00
48 FIBER	EQ	20.00
72 FIBER	EE	29.00
96 FIBER	EJ	40.00

**\*\*LENGTH**

0010 = 10 METERS  
0025 = 25 METERS  
0100 = 100 METERS  
\*\*Any length may  
be ordered.

**OTHER CABLE TYPES ARE AVAILABLE AS A SPECIAL ORDER**

**NOTE:** ALL CABLES LISTED ARE FOR RISER RATED.  
FOR PLENUM CABLE, PLEASE CALL YOUR  
LOCAL 3M SALES REPRESENTATIVE.

**Example:** (Single-mode)

SC JUMPER, 24 FIBER CABLE, 20 METERS, DISTRIBUTOR

<b>A</b>	<b>D</b>	<b>A</b>	<b>D</b>	<b>A</b>	-	<b>E</b>	<b>C</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	+	<b>BREAK OUT CHARGE</b>	=	<b>Total</b>
						(2 x 12.00 x 24)	+	(20 x 9.00)				+	\$200.00	=	\$956.00