

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.

Building the Product Number:

Cable Assembly Information

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

Connector End #1 Information

Multimode 125	Single-mode
EM - FC	EN - FC
DB - SC	EP - SC/APC
AN - ST	DA - SC
DS - SC LOW EMI	AM - ST
DU - LC	EX - FC/APC Key 2.0
DX - LC Repo Boot	DT - SC LOW EMI
	DV - LC
	DW - LC/APC
	DY - LC Repo Boot
	DZ - LC/APC Repo Boot

Connector End #2 Information

(Same as in End #1)

00- Pigtail

*Note Pigtails must be ordered in multiples of two

Cable Assembly Performance Information

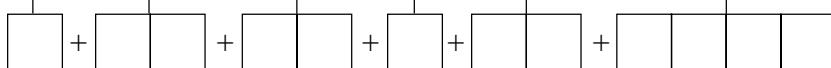
- (hyphen) Standard

Cable Information

See Pages II-V

Cable Lengths (Examples)

- 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 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> + A <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> = A <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			
CONNECTOR CODES	CABLE CODE	LENGTH	PRODUCT NUMBER

STEP 2:

BUILDING THE PRICE:

\$ <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> + (\$ <input type="text"/> . <input type="text"/> <input type="text"/> x <input type="text"/> METERS) = \$ <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>			
CONNECTOR PRICE	CABLE PRICE	LENGTH	PRICE

CONNECTOR CODE & PRICE				CABLE CODE & PRICE		†LENGTH	
CONNECTOR	CODE	SUGG. LIST.	DIST.	CABLE	CODE	PRICE PER METER	
FC	EN	10.45	7.30				0001 - 1 METER
SC	DA	10.45	7.30	**JACKETED (3.0 mm)	AT	0.40	0003 - 3 METERS
SC/APC	EP	14.30	10.00	UNJACKETED (900 µm)	AU	0.40	0005 - 5 METERS
ST	AM	10.35	7.25	**JACKETED DUPLEX (3.0 mm)	BW	1.00	0010 - 10 METERS
FC/APC KEY 2.0	EX	14.30	10.00	**JACKETED (2.0 mm)	CU	0.40	0015 - 15 METERS
SC LOW EMI	DT	17.15	12.00	**JACKETED DUPLEX (2.0 mm)	CV	0.95	0020 - 20 METERS
LC	DV	14.30	10.00				Note: Length Tolerance
LC/APC	DW	15.70	11.00				-0 /+.15 meters (6 inches)
LC REPO BOOT	DY	17.15	12.00				† Any length may be ordered.
LC/APC REPO BOOT	DZ	18.60	13.00				
NO CONNECTOR (PIGTAIL)*	OO			**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 x 0.40) = \$18.50

B: CUSTOM LENGTH MULTIMODE PIGTAILS & JUMPERS

STEP 1:
BUILDING THE PRODUCT NUMBER:

B <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> + B <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> = B <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			
CONNECTOR CODES	CABLE CODE	LENGTH	PRODUCT NUMBER

STEP 2:
BUILDING THE PRICE:

\$ <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> + (\$ <input type="text"/> . <input type="text"/> <input type="text"/> x <input type="text"/> METERS) = \$ <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>			
CONNECTOR PRICE	CABLE PRICE	LENGTH	PRICE

CONNECTOR CODE & PRICE			CABLE CODE & PRICE			†LENGTH		
MULTI MODE 125	SUGG. LIST	DIST.		PRICE		CODE	PER METER	
EM - FC	14.30	10.00	50/125 JACKETED (3.0 mm)	ZJ	0.62	0001	-	1 METER
DB - SC	8.90	6.25	50/125 JACKETED (2.0 mm)	CQ	0.55	0003	-	3 METERS
AN - ST	8.60	6.00	50/125 DUPLEX JACKETED (3.0 mm)	AX	1.25	0005	-	5 METERS
DS - SC LOW EMI	15.70	11.00	50/125 DUPLEX JACKETED (2.0 mm)	CR	1.00	0010	-	10 METERS
DU - LC	10.70	7.50	50/125 GGP DUPLEX JACKETED	CC	1.70	0015	-	15 METERS
DX - LC REPO BOOT	13.60	9.50				0020	-	20 METERS
OO - NO CONNECTOR (PIGTAIL)*			62.5/125 JACKETED (3.0 mm)	AF	0.62	Note: Length Tolerance		
			62.5/125 JACKETED (2.0 mm)	CS	0.55	-0/+0.15 meters (6 inches)		
			62.5/125 DUPLEX JACKETED (3.0 mm)	AQ	1.25	†Any length may be ordered.		
			62.5/125 DUPLEX JACKETED (2.0 mm)	CT	1.00			
			62.5/125 GGP DUPLEX JACKETED	CA	1.70			

*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

RISER RATED CABLE

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
 B=MULTIMODE

CONNECTOR CODES

-

CABLE CODE

CABLE LENGTH

STEP 2: BUILDING THE PRICE:

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

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.

CABLE CODE & PRICE

SINGLE-MODE	CODE	PRICE PER METER
900 μ m 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.

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

A D A D A - E C 0 0 2 0 + BREAK OUT CHARGE = Total

$(2 \times 12.00 \times 24) + (20 \times 9.00) + \$200.00 = \$956.00$

Example: (Single-mode)

SC JUMPER, 24 FIBER CABLE, 20 METERS, DISTRIBUTOR