MA-SE

Fiber Optic Patch Cord, Multi-fiber, Singlemode, SC/UPC to LC/UPC, Yellow

Product Classification

Regional Availability	Asia	Australia/New Zealand	Europe	Latin America	Middle East /Africa	North America
Product Type	Fiber distribution cable assembly
Product Series	MA
Ordering Note	2.0mm cable is only available as Plenum	2.0mm subunit only available in 4, 8 and 12 fibers	Pulling sock not available on fiber counts 4, 8 or 12

General Specifications

Color, boot A	Blue
Color, connector A	Blue
Color, boot B	Blue
Color, connector B	Blue
Interface, Connector A	SC/UPC
Interface, Connector B	LC/UPC
Jacket Color	Yellow

Dimensions

Diameter Over Jacket	1.2 mm	0.047 in

COMMSCOPE®

MA-SE

Ordering Tree

MA-X X X X XX XX ☐☐ X X XXX

Cable Family

S	Plenum
W	Dual Rated (LSZH/Riser)

Connector A / Connector B

	Connector A	Connector B
A	SM UPC/SC	SM UPC/SC
B	SM APC/SC	SM APC/SC
C	SM UPC/LC	SM UPC/LC
D	SM APC/LC	SM APC/LC
E	SM UPC/SC	SM UPC/LC
F	SM APC/SC	SM APC/LC
G	SM UPC/SC	STUB (NO CONNECTOR)
H	SM APC/SC	STUB (NO CONNECTOR)
J	SM UPC/LC	STUB (NO CONNECTOR)
K	SM APC/LC	STUB (NO CONNECTOR)
L	SM UPC/SC	SM APC/SC
M	SM UPC/LC	SM APC/LC
N	SM UPC/SC	SM APC/LC
P	SM APC/SC	SM UPC/LC
1	SM UPC/SC	SM MALE MPO
2	SM APC/SC	SM MALE MPO
3	SM UPC/LC	SM MALE MPO
4	SM APC/LC	SM MALE MPO
5	SM UPC/SC	SM FEMALE MPO
6	SM APC/SC	SM FEMALE MPO
7	SM UPC/LC	SM FEMALE MPO
8	SM APC/LC	SM FEMALE MPO

Connector codes 1 through 8 are only available on 3.0mm subunit.

"L2" Fanout Length (inches)

20	20 inches
21	21 inches
22	22 inches
	ETC
97	97 inches
98	98 inches
99	99 inches
H0	100 inches
H1	101 inches
	ETC
H9	109 inches
HX	110 inches
HF	115 inches
HT	120 inches

Fiber Count

4	4 Fiber
8	8 Fiber
D	12 Fiber
F	24 Fiber
G	36 Fiber
H	48 Fiber
K	72 Fiber
L	96 Fiber
M	144 Fiber

Construction

6	2.0 mm 12-fiber loose tube subunit *
7	3.0 mm 12-fiber loose tube subunit

* 2.0mm subunit only available in 4, 8 and 12 fibers

"L1" Overall Length

XXX

"L1" Unit of Measure

F	Feet
M	Meters

Options

0	None
B	Pulling sock end B

"L3" Fanout Length (inches)

00	No "L3" breakout (Stub)
20	20 inches
21	21 inches
22	22 inches
	ETC
97	97 inches
98	98 inches
99	99 inches
H0	100 inches
H1	101 inches
	ETC
H9	109 inches
HX	110 inches
HF	115 inches
HT	120 inches

Minimum length is 20" - Maximum length is 120"

COMMSCOPE®

MA-SE

Representative Image

4, 8 and 12 Fiber Assembly Image

24 – 144 Fiber Assembly Image

Note: The first 24 fibers (2 subunits) will have breakout lengths of 16 inches. Additional subunits will be staggered 4 inches in groups of 24 fibers (2 subunits).
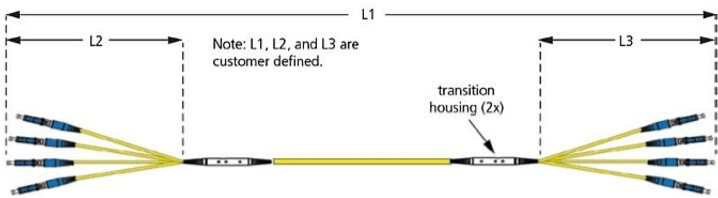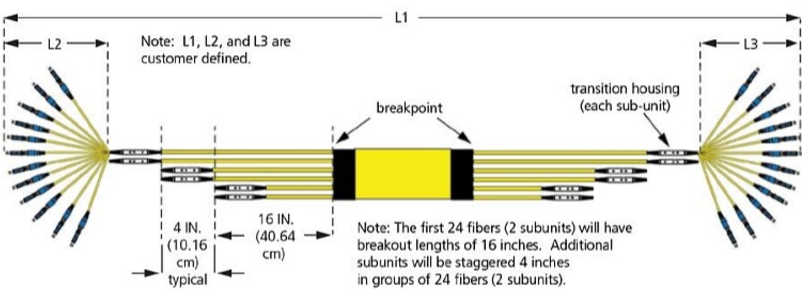
MPO Connectors on Side B (Optional)
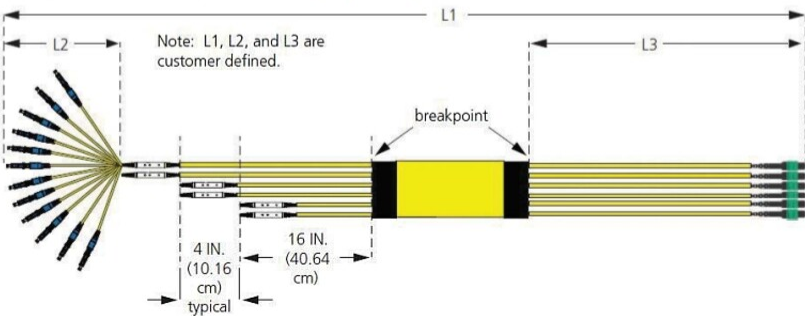
Optical Specifications

Fiber Mode	Singlemode
Fiber Type	OS2
Insertion Loss, maximum, connector A	0.18 dB
Insertion Loss, maximum, connector B	0.18 dB
Return Loss, minimum, connector A	52 dB
Return Loss, minimum, connector B	52 dB

Environmental Specifications

Environmental Space	Plenum

COMMSCOPE®

| Qualification Standards | GR-326 CORE | GR-409 | GR-449-CORE |

Packaging and Weights

| **Packaging quantity** | 1 |

COMMSCOPE®