



# Cable Assemblies

SEL's Cable Assemblies are designed for use in any application requiring optical connections. Available in simplex, duplex, interconnect, and trunk configurations, these assemblies can contain up to 864 optical fibers.

**ORDERING INFORMATION Instructions:** Create a part number by using this character set and codes.

**C** **Z** - **1** **222** **3** **4** **5** **6** **7** **8** **999** **U** - **X** **Y** **P**  
*(21 characters minimum. More if exact length or other custom configuration.)*

Z - POLARITY/PIN-OUT		1 - FIBER TYPE		2 - FIBER COUNT (3-DIGITS)		3 - CABLE DESIGN		4 - ARMOR TYPE		5 - CABLE JACKET/FLAME RETARDANCY RATING		6 - SUBUNITS (FURCATION CORD)		7 & 8 - CONNECTOR END A & B		9 - LENGTH (3-DIGITS)		U - LENGTH UNIT		X & Y - END A & B BREAKOUT LENGTH		EO.5 FOR EXACT LENGTH ONLY			
	Single Fiber Cable	1	OM1 Fiber (62.5 μm)	001	1f	P	Pliable Ribbon (250 μm)	N	No Armor	A	OSP	C	1.6 mm	Two Choices Needed		001	001-999+	F	Feet	Two Choices Needed		A	Pulling Eye on A End Only	<b>EO.5</b>	Exact Length, +/- 0.5 inches
A	Single Fiber Cable	2	OM2 Fiber (50 μm)	002	2f	Q	Pliable Ribbon (200 μm)	L	Interlocking Armor	B	Riser	T	2.0 mm	5	MPO (Male/Pinned), 12 Fiber, Low Loss	<i>Longer lengths may be available. Contact your Sumitomo Electric Lightwave salesperson.</i>		M	Meters	1	18 in (457 mm) - No Stagger	B	Pulling Eye on B End Only	<i>Other exact length tolerance needs? Contact your Sumitomo Electric Lightwave salesperson</i>	
	Multi-Fiber Cable with Single Fiber Connectors (LC, SC, ST, etc.)	3	OM3 Fiber (50 μm)	004	4f	A	Flat Ribbon (250 μm)	M	Micro Armor	C	Indoor/Outdoor Riser	X	3.0 mm	6	MPO (Male/Pinned), 12 Fiber, Std Loss			I	Inch	2	24 in (609 mm) - No Stagger	D	Pulling Eyes on Both Ends		
A	A Connector to A Connector (Crossover Type)	4	OM4 Fiber (50 μm)	006	6f	B	Flat Ribbon (200 μm)			D	LSZH (Low Smoke Zero Halogen)	9	900 μm	7	MPO (Female/Unpinned), 12 Fiber, Std Loss	<i>Exact Length Options are available. See EO.5 column in configurator.</i>				3	36 in (914 mm) - No Stagger	X	No Pulling Eye		
B	A Connector to B Connector (Straight Through Type)	5	OM5 Fiber (50 μm)	008	8f	X	Loose Buffer (200 μm)			E	Riser LSZH	V	SEL Option	8	MPO (Female/Unpinned), 12 Fiber, Std Loss					4	48 in (1,219 mm) - No Stagger				
	Multi-Fiber Cable with Multi-Fiber Connectors (MPO, MTP, etc.)	8	SM (G.657.A2)	012	12f	Y	Loose Buffer (250 μm)			F	Indoor/Outdoor Riser LSZH	D	Not Applicable	9	MPO (Male/Pinned), 24 Fiber, Low Loss					5	60 in (1,524 mm) - No Stagger				
A	MPO/MTP Type A	9	SM (G.657.A1)	016	16f	Z	Tight Buffer (900 μm)			G	Plenum			Z	MPO (Male/Pinned), 24 Fiber, Std Loss					6	72 in (1,828 mm) - No Stagger				
B	MPO/MTP Type B			024	24f					H	Indoor/Outdoor Plenum			O	MPO (Female/Unpinned), 24 Fiber, Low Loss					7	16 in (406 mm) - No Stagger				
C	MPO/MTP Type C			036	36f					2	Btca			W	MPO (Female/Unpinned), 24 Fiber, Std Loss					8	12 in (305 mm) - No Stagger				
D	MPO/MTP SM Type B (w/ window up key down)			048	48f					3	B2ca			1	MTP (Male/Pinned), 12 Fiber, Low Loss					A	18 in (457 mm) - Subunit Stagger				
G	40G/400G Type B (Outer 8f out of 12f)			050	50f					4	Cca			M	MTP (Male/Pinned), 12 Fiber, Std Loss					B	24 in (609 mm) - Subunit Stagger				
H	40G/400G Type A (Outer 8f out of 12f)			060	60f					5	Dca			2	MTP (Female/Unpinned), 12 Fiber, Low Loss					C	36 in (914 mm) - Subunit Stagger				
1	MPO24/MTP24 Config 1			072	72f									Y	MTP (Female/Unpinned), 12 Fiber, Std Loss					D	48 in (1,219 mm) - Subunit Stagger				
2	MPO24/MTP24 Config 2			096	96f									4	MTP (Male/Pinned), 24 Fiber, Low Loss					E	60 in (1,524 mm) - Subunit Stagger				
3	MPO24/MTP24 Config 3			144	144f									P	MTP (Male/Pinned), 24 Fiber, Std Loss					F	72 in (1,828 mm) - Subunit Stagger				
4	MPO24/MTP24 Config 4			288	288f									3	MTP (Female/Unpinned), 24 Fiber, Low Loss					H	18 in (457 mm) - Fiber Pair Stagger				
				432	432f									N	MTP (Female/Unpinned), 24 Fiber, Std Loss					J	24 in (609 mm) - Fiber Pair Stagger				
				864	864f									L	LC, MM/SM, DX					K	36 in (914 mm) - Fiber Pair Stagger				
														Q	LC, MM/SM, SX					L	48 in (1,219 mm) - Fiber Pair Stagger				
														A	LC/APC, DX					M	60 in (1,524 mm) - Fiber Pair Stagger				
														E	LC/APC, SX					N	72 in (1,828 mm) - Fiber Pair Stagger				
														R	LC-UNIBOOT (Reversible / No Pull Tab)					Q	18 in (457 mm) - Subunit and Fiber Pair Stagger				
														G	LC-UNIBOOT (Reversible w/Pull Tab)					R	24 in (609 mm) - Subunit and Fiber Pair Stagger				
														S	SC, MM/SM, DX					S	36 in (914 mm) - Subunit and Fiber Pair Stagger				
														V	SC, MM/SM, SX					T	48 in (1,219 mm) - Subunit and Fiber Pair Stagger				
														B	SC/APC, DX					U	60 in (1,524 mm) - Subunit and Fiber Pair Stagger				
														H	SC/APC, SX					V	72 in (1,828 mm) - Subunit and Fiber Pair Stagger				
														F	FC, MM/SM					X	No Breakout				
														C	FC/APC										
														T	ST, MM/SM										
														X	BARE END (Open/Blunt)										

*Additional Fiber Count Assemblies Available Upon Request*