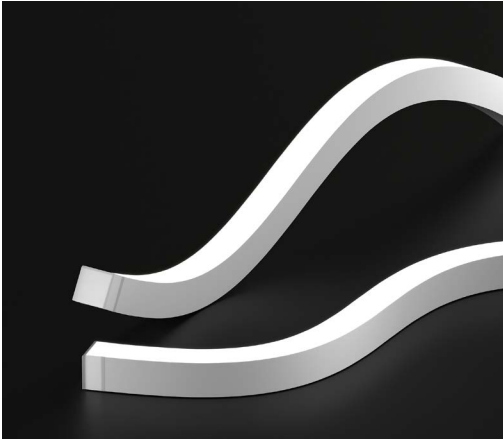


Kurba Max Horizontal and Vertical



Features

Kurba Max is a dot free direct view, highly versatile, energy efficient and flexible LED strip suitable for outdoor wet locations capable of horizontal/side bends and vertical/top bends with a 400mm bending diameter. The silicone material offers excellent heat, weather, UV, and solvent resistance and has a special coating to repel dust and dirt accumulation.

Applications

Indoor/Outdoor dry & wet location

Materials

Silicone for red list approved, as well as heat, weather, UV, and solvent resistance

Dimming

Dimable down to 1%. Dot Free even illumination. Also available with Black Lens

Average Life (L70)

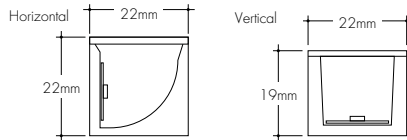
50,000 hours

Approvals

CE, UKCA, UL676, Class 2, IP68

Warranty

5 years



Finish Options (see page 2 for additional information)

Base ☐ White



Technical Information

Bending Direction	Horizontal		Vertical	
Output	SO	HO	SO	HO
Light Output at 3000K, 80CRI	1099 lm/m	1434 lm/m	1299 lm/m	1759 lm/m
Average Power Consumption	16.5 W/m	16.5 W/m	16.5 W/m	16.5 W/m
Efficacy	67 lm/W	87 lm/W	79 lm/W	107 lm/W
Ordering Increment	50 mm	55.56 mm	50 mm	55.56 mm
Maximum Run Length (In Series)	5.8 m	5.8 m	5.8 m	5.8 m
Operating Temperature Range	-40°C to 45°C	-40°C to 45°C	-40°C to 45°C	-40°C to 45°C

CCT INFO / LUMEN MULTIPLIER (ref. -3000K)

Bending Direction	Horizontal		Vertical	
	80 CRI	90 CRI	80 CRI	90 CRI
2200K	0.95	0.74	0.94	0.75
2700K	0.99	0.81	0.99	0.81
3000K	1.00	0.80	1.00	0.80
3500K	1.01	0.80	1.01	0.80
4000K	1.08	0.82	1.08	0.82

Ordering Code

MODEL	BEND DIRECTION	LENGTH	OUTPUT	CCT	CRI	LENS	MOUNTING	FINISH	FEED POSITION LEFT	FEED POSITION RIGHT
KBX-W - Kurba Max Wet	HB - Horizontal Bending VB - Vertical Bending	SEE PAGE 7 - 8	SO - Standard HO - High	22K - 2200K 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	R80 - 80 CRI R90 - 90 CRI	SF - Silicone Frosted	NA - See Page 6 for orderable mounting accessories	WH - White	INJECTION MOLD IME - End Feed 1 IMB - Back Feed 1 IMSA - Side A Feed IMSB - Side B Feed ¹ NPF - No Power Feed ²	INJECTION MOLD IME - End Feed 1 IMB - Back Feed 1 IMSA - Side A Feed IMSB - Side B Feed ¹ NPF - No Power Feed ²

Feeds come with 3m wire leads

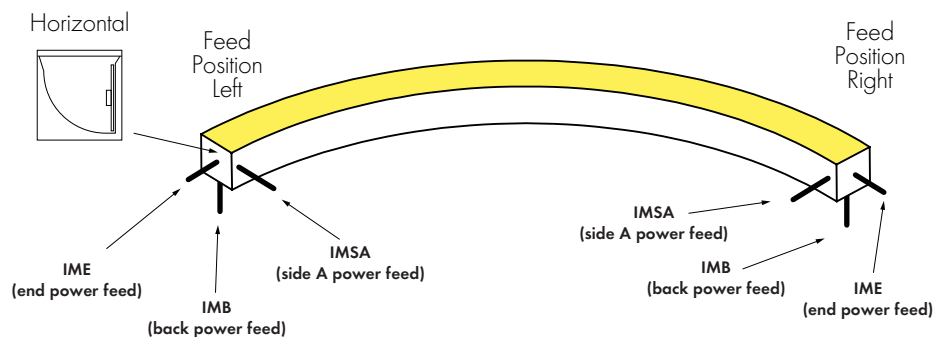
1 - IMSB - Side B Feed not available with HB - Horizontal Bending

2 - NPF-NPF for Feed Position 1&2 is not a valid configuration option



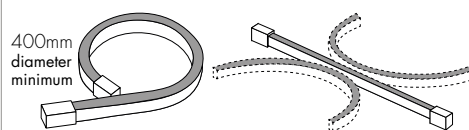
Powerfeeds and Connectors

Power Feed Position Options and Orientation



NOTE: IMSB - Side B Feed not available with HB - Horizontal Bending

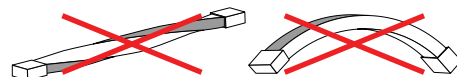
Horizontal Bend Direction



Illuminated surface shown in gray

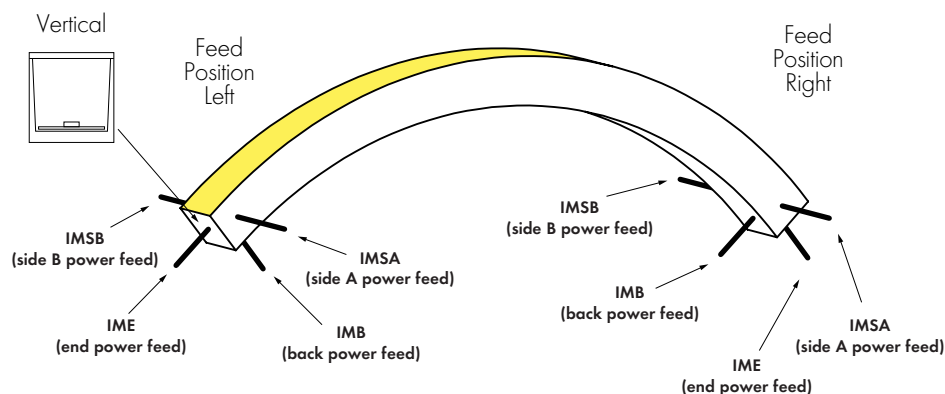
Horizontal Prohibited Bends

Twisting or bending LED in these positions will cause damage



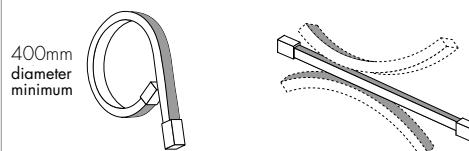
Illuminated surface shown in gray

Do not make sharp bends near the endcap



Vertical Bend Direction

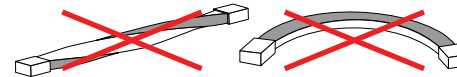
Bend LED in these positions only to avoid damage



Illuminated surface shown in gray

Vertical Prohibited Bends

Twisting or bending LED in these positions will cause damage



Illuminated surface shown in gray

Do not make sharp bends near the endcap

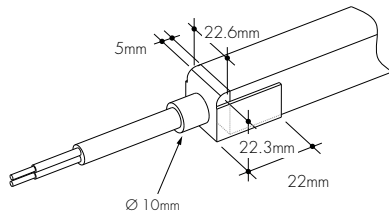


Powerfeed Options

Horizontal

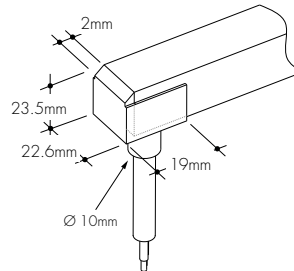
END CONNECTOR

Injection-molded End Connector
-IME



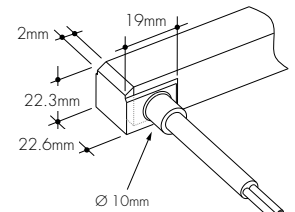
BACK CONNECTOR

Injection-molded Back Connector
-IMB



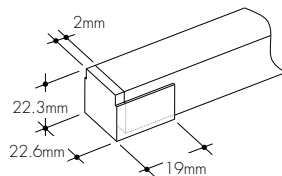
SIDE CONNECTOR

Injection-molded Side Connector
-IMSA



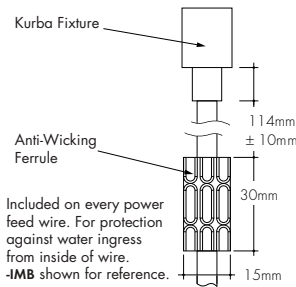
ENDCAP (NO CONNECTOR)

Injection-molded Cap (No Connector)
-NPF



ANTI-WICKING FERRULE

Included on every power feed wire



POWER FEED OPTIONS

Feeds come with 3m wire leads

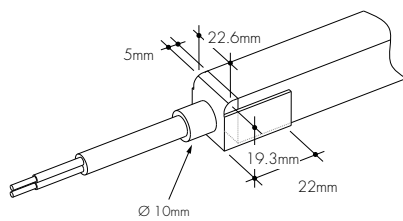


2 Conductor

Vertical

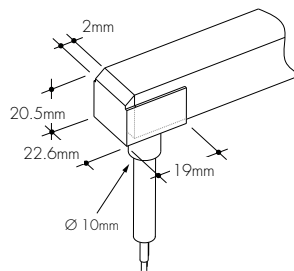
END CONNECTOR

Injection-molded End Connector
-IME



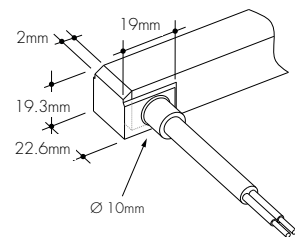
BACK CONNECTOR

Injection-molded Back Connector
-IMB



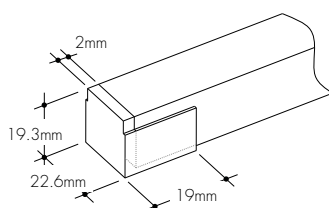
SIDE CONNECTOR

Injection-molded Side Connector
-IMSA and -IMSB



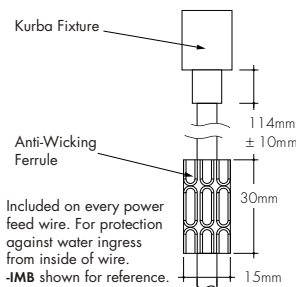
ENDCAP (NO CONNECTOR)

Injection-molded Cap (No Connector)
-NPF



ANTI-WICKING FERRULE

Included on every power feed wire



POWER FEED OPTIONS

Feeds come with 3m wire leads



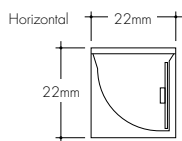
2 Conductor



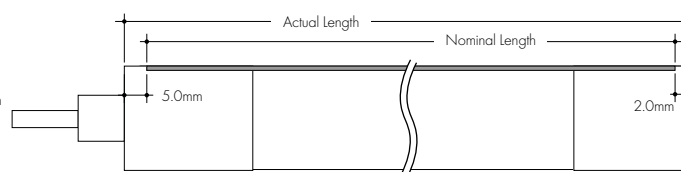
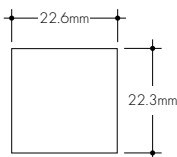
Product Dimensions

Horizontal

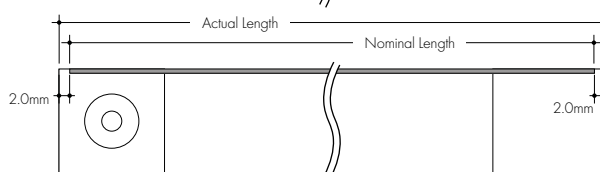
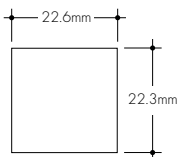
Kurba Max Cross Sections



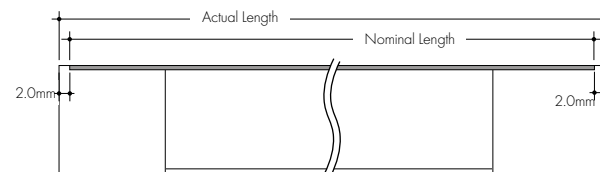
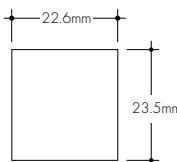
Example Feed Position
IME - NPF
End Feed 1 to
No Power Feed



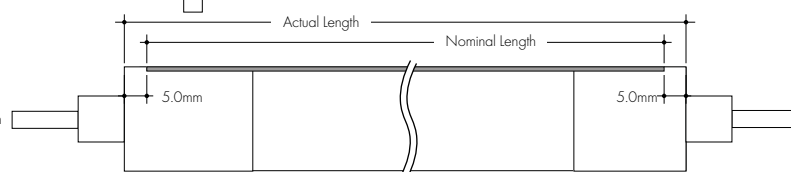
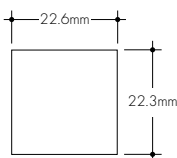
Example Feed Position
IMSA - NPF
Side A Feed to
No Power Feed



Example Feed Position
IMB - NPF
Back Feed 1 to
No Power Feed

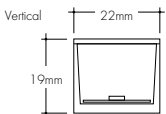


Example Feed Position
IME - IME
End Feed 1 and
End Feed 1

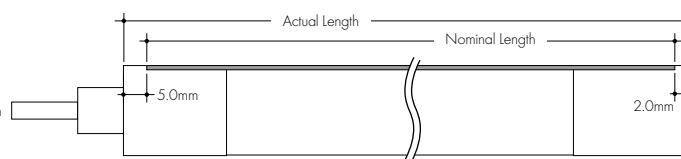
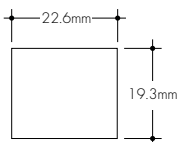


Vertical

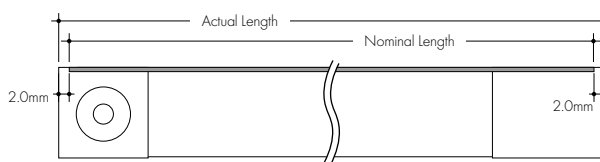
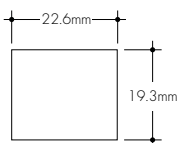
Kurba Max Cross Sections



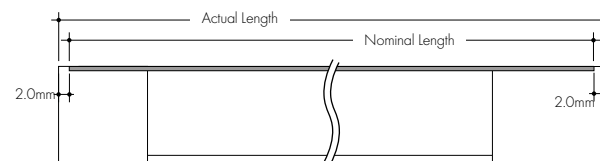
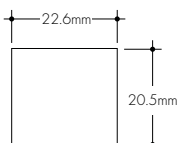
Example Feed Position
IME - NPF
End Feed 1 to
No Power Feed



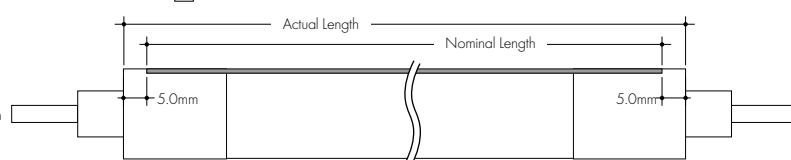
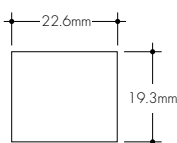
Example Feed Position
IMSA - NPF
Side A Feed to
No Power Feed



Example Feed Position
IMB - NPF
Back Feed 1 to
No Power Feed



Example Feed Position
IME - IME
End Feed 1 and
End Feed 1



Finish Options



Kurba's base finish is a crisp white which brings a timeless, clean aesthetic that brightens and enhances any space

Light Transmission and Dotting

Output Options	Lens/Finish
	Silicone Frosted/ White Finish
SO	ND
HO	ND
Transmission Percentage	100%



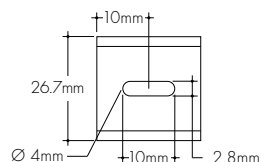
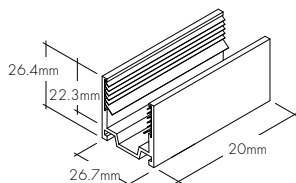
CD SD ND
CD - Clear Dotting
SD - Slight Dotting
ND - No Dotting



Mounting Accessories

MC-KBX-SAP-SM-20MM-SA

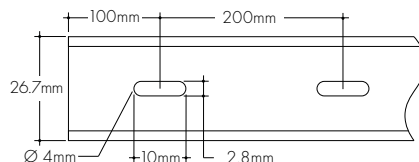
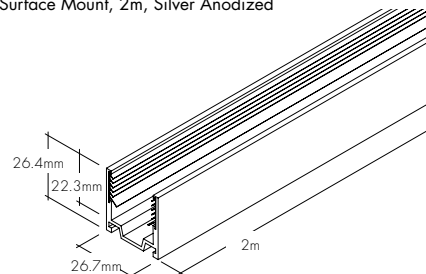
KBX Mounting Clip, Serrated Aluminum Profile, Surface Mount, 20mm, Silver Anodized



Aluminum mounting bracket providing grip. For use with light strip mounted to the ceiling. 1 recommended every 200mm.

MC-KBX-SAP-SM-2M-SA

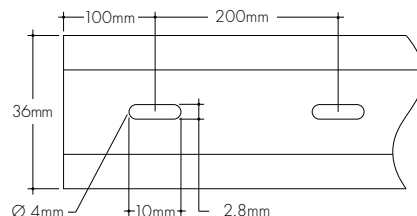
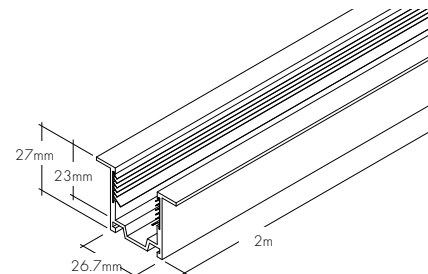
KBX Mounting Channel, Serrated Aluminum Profile, Surface Mount, 2m, Silver Anodized



Aluminum mounting channel providing grip. For use with light strip mounted to the ceiling.

MC-KBX-FSAP-TR-2M-SA

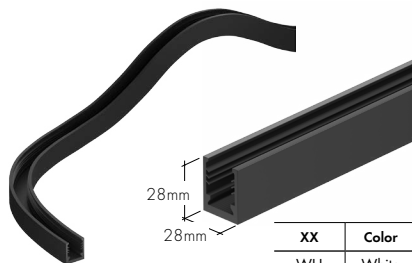
Flanged Mounting Channel with grip, 2m



Flanged aluminum mounting channel providing grip. For use with light strip mounted to the ceiling.

MC-KBX-BANP-3D-SM-1M-XX

KBX Mounting Channel, Bendable Silicone Profile, 3D Bending, Surface Mount, 1m, 300mm bending diameter

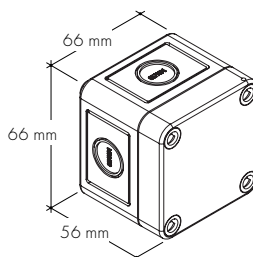


XX	Color
WH	White
BK	Black

Includes 12 mounting screws

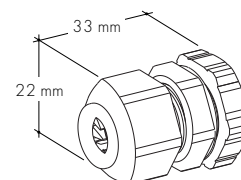
LVSP-IP66

Splice box: wet rated, low voltage, gray, IP66



LVSP-IP66-CM

Connector for splice box, low voltage for cable management, gray, IP66



SO | Orderable Length Chart

Use Actual Length for Order Code Entry.

Tolerance for Actual Lengths less than 1.8m is +/- 5mm, Actual Lengths between 1.8m and 4.8m is +/- 7.6mm, and Actual Lengths greater than 4.8m is +/- 15mm

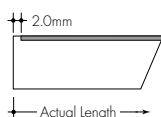
A - End Connector at both ends of Kurba (5mm + 5mm added to overall length)

B - End Connector at one end of Kurba and No Connector or Back Connector or Side Connector at other end of Kurba (5mm + 2mm added to overall length)

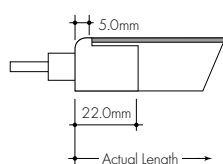
C - Any combination of No Connector, Back Connector, or Side Connector on each end of Kurba (2mm + 2mm added to overall length)

Nominal Length (m)	Actual Length (m)			Nominal Length (m)	Actual Length (m)			Nominal Length (m)	Actual Length (m)			Nominal Length (m)	Actual Length (m)		
	A	B	C		A	B	C		A	B	C		A	B	C
0.20	0.210	0.207	0.204	2.00	2.010	2.007	2.004	3.80	3.810	3.807	3.804	5.60	5.610	5.607	5.604
0.25	0.260	0.257	0.254	2.05	2.060	2.057	2.054	3.85	3.860	3.857	3.854	5.65	5.660	5.657	5.654
0.30	0.310	0.307	0.304	2.10	2.110	2.107	2.104	3.90	3.910	3.907	3.904	5.70	5.710	5.707	5.704
0.35	0.360	0.357	0.354	2.15	2.160	2.157	2.154	3.95	3.960	3.957	3.954	5.75	5.760	5.757	5.754
0.40	0.410	0.407	0.404	2.20	2.210	2.207	2.204	4.00	4.010	4.007	4.004	5.80	5.810	5.807	5.804
0.45	0.460	0.457	0.454	2.25	2.260	2.257	2.254	4.05	4.060	4.057	4.054	Note: all values are rounded to the nearest 2.5mm			
0.50	0.510	0.507	0.504	2.30	2.310	2.307	2.304	4.10	4.110	4.107	4.104				
0.55	0.560	0.557	0.554	2.35	2.360	2.357	2.354	4.15	4.160	4.157	4.154				
0.60	0.610	0.607	0.604	2.40	2.410	2.407	2.404	4.20	4.210	4.207	4.204				
0.65	0.660	0.657	0.654	2.45	2.460	2.457	2.454	4.25	4.260	4.257	4.254				
0.70	0.710	0.707	0.704	2.50	2.510	2.507	2.504	4.30	4.310	4.307	4.304				
0.75	0.760	0.757	0.754	2.55	2.560	2.557	2.554	4.35	4.360	4.357	4.354				
0.80	0.810	0.807	0.804	2.60	2.610	2.607	2.604	4.40	4.410	4.407	4.404				
0.85	0.860	0.857	0.854	2.65	2.660	2.657	2.654	4.45	4.460	4.457	4.454				
0.90	0.910	0.907	0.904	2.70	2.710	2.707	2.704	4.50	4.510	4.507	4.504				
0.95	0.960	0.957	0.954	2.75	2.760	2.757	2.754	4.55	4.560	4.557	4.554				
1.00	1.010	1.007	1.004	2.80	2.810	2.807	2.804	4.60	4.610	4.607	4.604				
1.05	1.060	1.057	1.054	2.85	2.860	2.857	2.854	4.65	4.660	4.657	4.654				
1.10	1.110	1.107	1.104	2.90	2.910	2.907	2.904	4.70	4.710	4.707	4.704				
1.15	1.160	1.157	1.154	2.95	2.960	2.957	2.954	4.75	4.760	4.757	4.754				
1.20	1.210	1.207	1.204	3.00	3.010	3.007	3.004	4.80	4.810	4.807	4.804				
1.25	1.260	1.257	1.254	3.05	3.060	3.057	3.054	4.85	4.860	4.857	4.854				
1.30	1.310	1.307	1.304	3.10	3.110	3.107	3.104	4.90	4.910	4.907	4.904				
1.35	1.360	1.357	1.354	3.15	3.160	3.157	3.154	4.95	4.960	4.957	4.954				
1.40	1.410	1.407	1.404	3.20	3.210	3.207	3.204	5.00	5.010	5.007	5.004				
1.45	1.460	1.457	1.454	3.25	3.260	3.257	3.254	5.05	5.060	5.057	5.054				
1.50	1.510	1.507	1.504	3.30	3.310	3.307	3.304	5.10	5.110	5.107	5.104				
1.55	1.560	1.557	1.554	3.35	3.360	3.357	3.354	5.15	5.160	5.157	5.154				
1.60	1.610	1.607	1.604	3.40	3.410	3.407	3.404	5.20	5.210	5.207	5.204				
1.65	1.660	1.657	1.654	3.45	3.460	3.457	3.454	5.25	5.260	5.257	5.254				
1.70	1.710	1.707	1.704	3.50	3.510	3.507	3.504	5.30	5.310	5.307	5.304				
1.75	1.760	1.757	1.754	3.55	3.560	3.557	3.554	5.35	5.360	5.357	5.354				
1.80	1.810	1.807	1.804	3.60	3.610	3.607	3.604	5.40	5.410	5.407	5.404				
1.85	1.860	1.857	1.854	3.65	3.660	3.657	3.654	5.45	5.460	5.457	5.454				
1.90	1.910	1.907	1.904	3.70	3.710	3.707	3.704	5.50	5.510	5.507	5.504				
1.95	1.960	1.957	1.954	3.75	3.760	3.757	3.754	5.55	5.560	5.557	5.554				

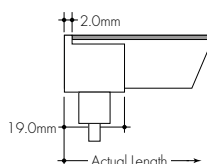
Endcap (No Connector) -NPF



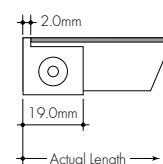
End Connector -IME



Back Connector -IMB



Side Connector -IMSA and -IMSB



HO | Orderable Length Chart

Use Actual Length for Order Code Entry.

Tolerance for Actual Lengths less than 1.8m is +/- 5mm, Actual Lengths between 1.8m and 4.8m is +/- 7.6mm, and Actual Lengths greater than 4.8m is +/- 15mm

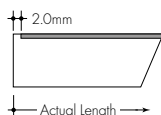
A - End Connector at both ends of Kurba (5mm + 5mm added to overall length)

B - End Connector at one end of Kurba and No Connector or Back Connector or Side Connector at other end of Kurba (5mm + 2mm added to overall length)

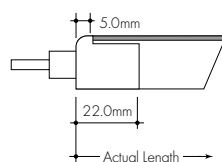
C - Any combination of No Connector, Back Connector, or Side Connector on each end of Kurba (2mm + 2mm added to overall length)

Nominal Length (m)	Actual Length (m)			Nominal Length (m)	Actual Length (m)			Nominal Length (m)	Actual Length (m)		
	A	B	C		A	B	C		A	B	C
0.20	0.232	0.229	0.226	2.20	2.232	2.229	2.226	4.20	4.233	4.230	4.227
0.30	0.288	0.285	0.282	2.30	2.288	2.285	2.282	4.30	4.288	4.285	4.282
0.35	0.343	0.340	0.337	2.35	2.344	2.341	2.338	4.35	4.344	4.341	4.338
0.40	0.399	0.396	0.393	2.40	2.399	2.396	2.393	4.40	4.399	4.396	4.393
0.45	0.454	0.451	0.448	2.45	2.455	2.452	2.449	4.45	4.455	4.452	4.449
0.50	0.510	0.507	0.504	2.50	2.510	2.507	2.504	4.50	4.510	4.507	4.504
0.55	0.566	0.563	0.560	2.55	2.566	2.563	2.560	4.55	4.566	4.563	4.560
0.60	0.621	0.618	0.615	2.60	2.621	2.618	2.615	4.60	4.621	4.618	4.615
0.65	0.677	0.674	0.671	2.65	2.677	2.674	2.671	4.65	4.677	4.674	4.671
0.70	0.732	0.729	0.726	2.70	2.732	2.729	2.726	4.70	4.733	4.730	4.727
0.80	0.788	0.785	0.782	2.80	2.788	2.785	2.782	4.80	4.788	4.785	4.782
0.85	0.843	0.840	0.837	2.85	2.844	2.841	2.838	4.85	4.844	4.841	4.838
0.90	0.899	0.896	0.893	2.90	2.899	2.896	2.893	4.90	4.899	4.896	4.893
0.95	0.955	0.952	0.949	2.95	2.955	2.952	2.949	4.95	4.955	4.952	4.949
1.00	1.010	1.007	1.004	3.00	3.010	3.007	3.004	5.00	5.010	5.007	5.004
1.05	1.066	1.063	1.060	3.05	3.066	3.063	3.060	5.05	5.066	5.063	5.060
1.10	1.121	1.118	1.115	3.10	3.121	3.118	3.115	5.10	5.122	5.119	5.116
1.15	1.177	1.174	1.171	3.15	3.177	3.174	3.171	5.15	5.177	5.174	5.171
1.20	1.232	1.229	1.226	3.20	3.232	3.229	3.226	5.20	5.233	5.230	5.227
1.30	1.288	1.285	1.282	3.30	3.288	3.285	3.282	5.30	5.288	5.285	5.282
1.35	1.343	1.340	1.337	3.35	3.344	3.341	3.338	5.35	5.344	5.341	5.338
1.40	1.399	1.396	1.393	3.40	3.399	3.396	3.393	5.40	5.399	5.396	5.393
1.45	1.455	1.452	1.449	3.45	3.455	3.452	3.449	5.45	5.455	5.452	5.449
1.50	1.510	1.507	1.504	3.50	3.510	3.507	3.504	5.50	5.510	5.507	5.504
1.55	1.566	1.563	1.560	3.55	3.566	3.563	3.560	5.55	5.566	5.563	5.560
1.60	1.621	1.618	1.615	3.60	3.621	3.618	3.615	5.60	5.622	5.619	5.616
1.65	1.677	1.674	1.671	3.65	3.677	3.674	3.671	5.65	5.677	5.674	5.671
1.70	1.732	1.729	1.726	3.70	3.733	3.730	3.727	5.70	5.733	5.730	5.727
1.80	1.788	1.785	1.782	3.80	3.788	3.785	3.782	5.80	5.788	5.785	5.782
1.85	1.843	1.840	1.837	3.85	3.844	3.841	3.838	Note: all values are rounded to the nearest 2.5mm			
1.90	1.899	1.896	1.893	3.90	3.899	3.896	3.893				
1.95	1.955	1.952	1.949	3.95	3.955	3.952	3.949				
2.00	2.010	2.007	2.004	4.00	4.010	4.007	4.004				
2.05	2.066	2.063	2.060	4.05	4.066	4.063	4.060				
2.10	2.121	2.118	2.115	4.10	4.121	4.118	4.115				
2.15	2.177	2.174	2.171	4.15	4.177	4.174	4.171				

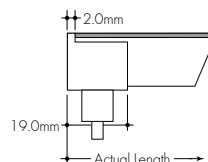
Endcap (No Connector) -NPF



End Connector -IME



Back Connector -IMB



Side Connector -IMSA and -IMSB

