



How-To-Order B-Series Safety Light Curtains

Follow the procedure below, selecting the proper component at each step. For technical assistance, contact John Berruti at 1-800-234-8273 x662 or by [email](mailto:sales@tapeswitch.com).

1. Select a Sensing Unit - Sensing units come in pairs; one emitter and one receiver.

- a. Determine the resolution needed (14 mm, 30 mm, or 70 mm).
- b. Determine the coverage length needed (200mm to 1800 mm)
- c. Select the appropriate Sensing Unit from the table.

B-Series Safety Light Curtain Models							
14 mm Resolution		30 mm Resolution				70 mm Resolution	
Length	P/N	Length	P/N	Length	P/N	Length	P/N
200 mm (8")	0912	200 mm (8")	0901	1400 mm (56")	0909	600 mm (24")	0921
300 mm (12")	0913	300 mm (12")	0902	1600 mm (64")	0910	800 mm (32")	0922
400mm (16")	0914	400 mm (16")	0903	1800 mm (72")	0911	1000 mm (40")	0923
600 mm (24")	0915	600 mm (24")	0904			1200 mm (48")	0924
800 mm (32")	0916	800 mm (32")	0905			1400 mm (56")	0925
900 mm (36")	0917	900 mm (36")	0906			1600 mm (64")	0926
1000 mm (40")	0918	1000 mm (40")	0907			1800 mm (72")	0927
1200 mm (48")	0919	1200 mm (48")	0908				

2. Select Cable Assemblies - One each for emitter and receiver. Cable length can be adjusted in the field.

- a. Determine minimum cable length required for emitter unit.
- b. Determine minimum cable length required for receiver unit.
- c. Select the one emitter cable and one receiver cable from the table.

Cable Assemblies		Part Number
Emitter Cable, 15 ft.	5 Conductor	0972
Emitter Cable, 30 ft.	5 Conductor	0973
Emitter Cable, 98 ft.	5 Conductor	0976
Receiver Cable, 15 ft.	8 Conductor	0974
Receiver Cable, 30 ft.	8 Conductor	0975
Receiver Cable, 98 ft.	8 Conductor	0977

3. Select Mounting Brackets - These are optional. Sensing Units come with standard mounting brackets.

- a. Determine if standard mounting brackets will suffice. Consult your Tapeswitch application specialist.
- b. If required, select optional swivel, clamping, or vibration-damping mounting brackets.

4. Select Floor Stands - These are optional.

- a. Determine if floor stands are required. Consult your Tapeswitch application specialist.
- b. If required, select the number of floor stands required.

5. **Select Mirror Assemblies** - These are optional.

- a. Determine if mirrors are required. Consult your Tapeswitch application specialist.
- b. If required, select the appropriate mirror type from the table.

Mirror Assemblies		
Curtain Length	Mirror Assembly Length	Part Number
200 mm (8")	300 mm (12")	0960
300 mm (12")	400mm (16")	0961
400mm (16")	500mm (20")	0962
600 mm (24")	700 mm (28")	0963
800 mm (32")	900 mm (36")	0964
900 mm (36")	1000 mm (40")	0965
1000 mm (40")	1100 mm (44")	0966
1200 mm (48")	1300 mm (52")	0967
1400 mm (56")	1500 mm (60")	0968

6. **Select Safety Controller** - This is optional, but recommended.

- a. Determine if a safety controller is required.
- b. If required, select a safety controller: BSRSA, BSRUA-2, SRUB, SRUS, C6, or BC-1.

7. **Select Power Supply** - This is optional

- a. If an SRUB Safety Controller has been selected, determine if you need a power supply.
- b. If required, select the GDC1 Power Supply.

8. **Select Additional Accessories** - These optional accessories provide useful functions for installing, maintaining and troubleshooting the light curtains.

Programming Unit - Used to program fixed and floating blanking on the sensing units

Laser Alignment Tool - Provides a visual indication of alignment between the emitting and receiving unit. Simplifies alignment, especially when the units are far apart.

Diagnostic Software Kit - Interfaces the safety light curtain sensing units to a laptop computer. Shows real-time status of each beam and logs data.