



# AC Cables

## Cable Assembly

- Connecting actuators with rotary latches
- Standard offering of cable assemblies

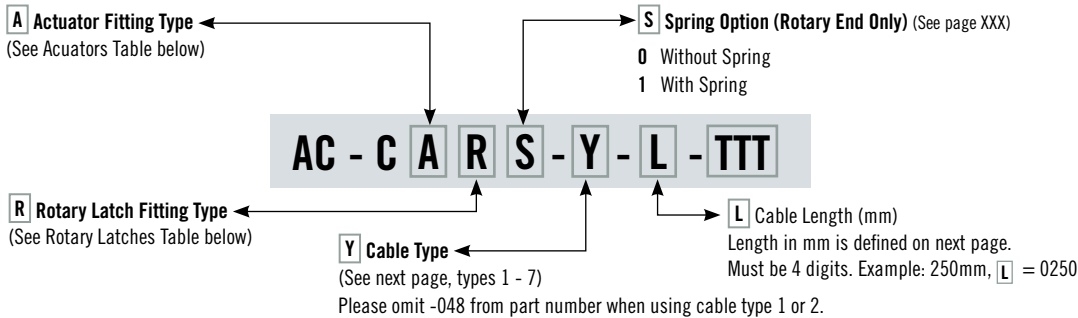
### Material and Finish

Cable: Stainless steel

Liner: Acetal

Jacket: Polypropylene

### Cable Assembly Part Number Selection



| Fitting Type   |                 |           |                 |           |              |                |                 |              |                 |                  |        |            |                 |
|----------------|-----------------|-----------|-----------------|-----------|--------------|----------------|-----------------|--------------|-----------------|------------------|--------|------------|-----------------|
| Barrel Fitting |                 | L Fitting |                 | Z Fitting |              | Eyelet Fitting |                 | Ball Fitting |                 | Threaded Fitting |        | Bare Cable |                 |
|                |                 |           |                 |           |              |                |                 |              |                 |                  |        |            |                 |
| A & R          | Material        | A & R     | Material        | A & R     | Material     | A & R          | Material        | A & R        | Material        | A & R            | Thread | A & R      | Material        |
| A              | Die-Cast        | B         | Plated Steel    | C         | Plated Steel | D              | Stainless Steel | H            | Stainless Steel | E                | M4     | 0          | Stainless Steel |
| J              | Stainless Steel | K         | Stainless Steel |           |              |                |                 |              |                 | F                | 8-32   |            |                 |

| Actuators      |                    |                |                    |
|----------------|--------------------|----------------|--------------------|
| Single-Point   |                    | Multi-Point    |                    |
|                | AC-60<br>Page 268  |                | AC-10*<br>Page 264 |
|                | AC-70<br>Page 268  |                | AC-30<br>Page 266  |
|                | AC-80<br>Page 269  |                | AC-40<br>Page 267  |
|                | AC-75*<br>Page 269 |                | R3-20<br>Page 238  |
|                | AC-M1<br>Page 271  |                | 64-40<br>Page 250  |
| Barrel Fitting |                    | L Fitting      |                    |
|                |                    | Eyelet Fitting |                    |
|                |                    | Bare Cable     |                    |
|                |                    | Bare Cable     |                    |
|                |                    | Bare Cable     |                    |

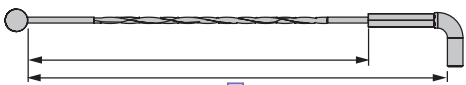
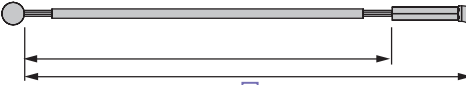
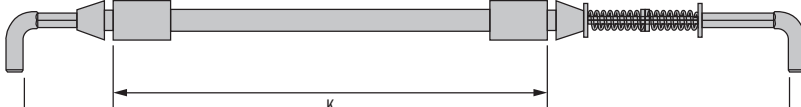
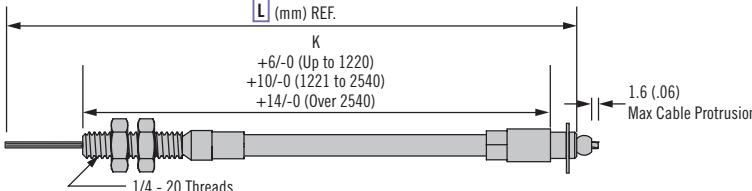
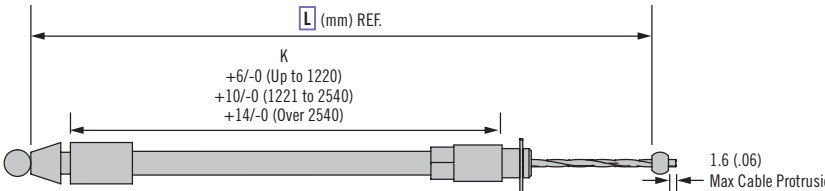
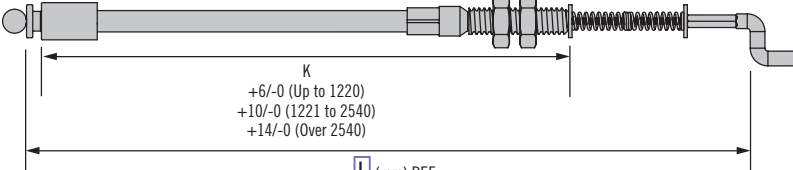
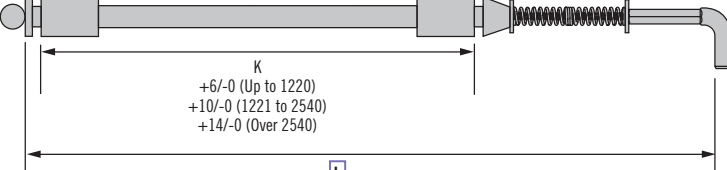
\*AC-10 and AC-75 must use  
Type 6 or 7 Cable

| Rotary Latches      |                        |                   |                  |
|---------------------|------------------------|-------------------|------------------|
| Non-FMVSS Compliant |                        | Electronic Access |                  |
|                     | R4-10<br>Pages 256-259 |                   | R4-EM<br>Page 30 |
|                     | R4-20<br>Page 262      |                   | R4-EM<br>Page 32 |
|                     | R4-30<br>Pages 260-261 |                   | R4-EM<br>Page 28 |
|                     | R4-50<br>Page 263      |                   | EM-05<br>Page 40 |
| L Fitting           |                        | Ball Fitting      |                  |



## Cable Assembly

Y Cable Type L Cable Length

|       |                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                      |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Y = 1 | <b>Type 1 - Bare Cable (P/N AC-CAB0-1-L as shown)</b><br><br>$\pm 1.5$ (up to 610)<br>$\pm 2.3$ (611 to 1220)<br>$\pm 3.2$ (1221 to 2540)<br>$\pm 4$ (over 2540)                                                                                                             | <b>Type 2 - Coated Cable (P/N AC-CAB0-2-L as shown)</b><br><br>$\pm 1.5$ (up to 610)<br>$\pm 2.3$ (611 to 1220)<br>$\pm 3.2$ (1221 to 2540)<br>$\pm 4$ (over 2540) |
| Y = 3 | <b>Type 3 - Jacketed Cable with End Coupling Retainers (Shown with Spring Option) (P/N AC-CBB1-3-L-048 as shown)</b><br><br>$K$<br>$+6/-0$ (Up to 1220)<br>$+10/-0$ (1221 to 2540)<br>$+14/-0$ (Over 2540)<br>$L$ (mm) REF.                                                 |                                                                                                                                                                                                                                                      |
| Y = 4 | <b>Type 4 - Jacketed Cable with Snap Ring and Threaded Retainers (P/N AC-COH0-4-L-048 as shown)</b><br><br>$L$ (mm) REF.<br>$K$<br>$+6/-0$ (Up to 1220)<br>$+10/-0$ (1221 to 2540)<br>$+14/-0$ (Over 2540)<br>$1/4 - 20$ Threads<br>$1.6 (.06)$ Max Cable Protrusion       |                                                                                                                                                                                                                                                      |
| Y = 5 | <b>Type 5 - Jacketed Cable with Snap Ring and End Coupling Retainers (P/N AC-CAH0-5-L-048 as shown)</b><br><br>$L$ (mm) REF.<br>$K$<br>$+6/-0$ (Up to 1220)<br>$+10/-0$ (1221 to 2540)<br>$+14/-0$ (Over 2540)<br>$1.6 (.06)$ Max Cable Protrusion                        |                                                                                                                                                                                                                                                      |
| Y = 6 | <b>Type 6 - Jacketed Cable with Snub End Coupling and Threaded Retainers (P/N AC-CAC1-6-L-048 as shown)</b><br><br>$K$<br>$+6/-0$ (Up to 1220)<br>$+10/-0$ (1221 to 2540)<br>$+14/-0$ (Over 2540)<br>$L$ (mm) REF.<br>*AC-10 and AC-75 can only use Snub End Coupling.    |                                                                                                                                                                                                                                                      |
| Y = 7 | <b>Type 7 - Jacketed Cable with Snub End Coupling and End Coupling Retainers (P/N AC-CAB1-7-L-048 as shown)</b><br><br>$K$<br>$+6/-0$ (Up to 1220)<br>$+10/-0$ (1221 to 2540)<br>$+14/-0$ (Over 2540)<br>$L$ (mm) REF.<br>*AC-10 and AC-75 can only use Snub End Coupling. |                                                                                                                                                                                                                                                      |

- For full product specifications on cable assemblies, refer to trade drawing J-AC-C.

## Notes

Minimum cable length = 115mm (4.5)

The distance between where the cable mounting bracket engages the cable assembly and the point of engagement with the rotary latch is available in different lengths. Please call Southco for assistance.

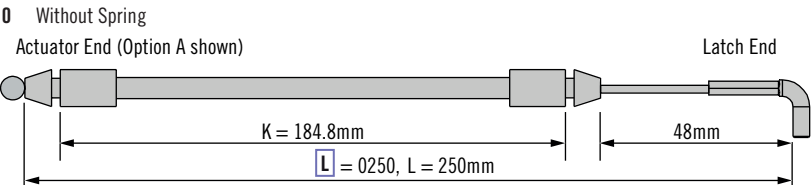


# AC Cables

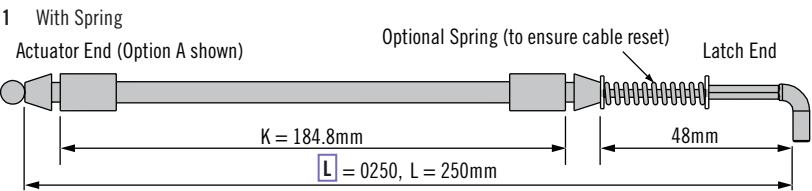
## Cable Assembly

**S** Spring Option (Rotary Side Only)

- 0 Without Spring
- 1 With Spring



Cable Part Number Example: AC-CAB0-3-0250-048



Cable Part Number Example: AC-CAB1-3-0250-048

Other options available. For complete details on variety, part numbers, installation and specification, go to

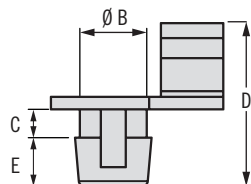


[www.southco.com/AC](http://www.southco.com/AC)

Dimensions in millimeters (inch) unless otherwise stated



### Retainer Clip



- For use with  $\varnothing 4$  (.157) rod or Southco cable assembly

### Material and Finish

Clip: Acetal

Bracket: Steel

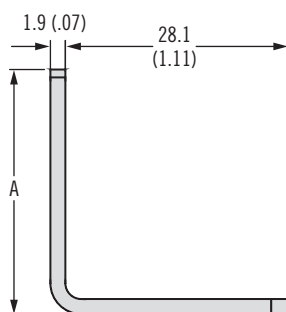
### Part Number

See table

| Latch Series | Trigger / Lever Type            | Part Number  | Color | B            | C            | D             | E            | Trigger / Lever Hole Diameter | Trigger / Lever Thickness |
|--------------|---------------------------------|--------------|-------|--------------|--------------|---------------|--------------|-------------------------------|---------------------------|
| R4-05        | Bottom                          | R4-0-60784   | Beige | 5.9<br>(.23) | 3.5<br>(.13) | 16.4<br>(.65) | 2.8<br>(.11) | 6.4<br>(.25)                  | 3<br>(.12)                |
| R4-10        | Perpendicular In-line Two Point | R4-0-43922   | Black | 5.9<br>(.23) | 2.5<br>(.10) | 14.4<br>(.57) | 4.3<br>(.17) | 6.3<br>(.25)                  | 2<br>(.08)                |
|              | Bottom / Top                    | R4-0-43922-2 | Black | 5.9<br>(.23) | 4.5<br>(.18) | 16.4<br>(.65) | 4.3<br>(.17) | 6.3<br>(.25)                  | 4<br>(.16)                |
|              | Dual Trigger                    | R4-0-43922*  | Black | 5.9<br>(.23) | 2.5<br>(.10) | 14.4<br>(.57) | 4.3<br>(.17) | 6.3<br>(.25)                  | 2<br>(.08)                |
|              |                                 | R4-0-43922-2 | Black | 5.9<br>(.23) | 4.5<br>(.18) | 16.4<br>(.65) | 4.3<br>(.17) | 6.3<br>(.25)                  | 4<br>(.16)                |
| R4-30        | Perpendicular Two Point         | R4-0-43922   | Black | 5.9<br>(.23) | 2.5<br>(.10) | 14.4<br>(.57) | 4.3<br>(.17) | 6.3<br>(.25)                  | 2<br>(.08)                |
|              | Bottom                          | R4-0-43922-2 | Black | 5.9<br>(.23) | 4.5<br>(.18) | 16.4<br>(.65) | 4.3<br>(.17) | 6.3<br>(.25)                  | 4<br>(.16)                |
| R4-20        | Bottom                          | R4-0-43922-1 | White | 6.3<br>(.25) | 4.5<br>(.18) | 16.4<br>(.65) | 4.3<br>(.17) | 6.7<br>(.26)                  | 4<br>(.16)                |
| R4-50        | Perpendicular                   |              |       |              |              |               |              |                               |                           |

\*Can also use R4-0-43922-3 (Red) for differentiation with other Retainer Clip (Black)

### Cable Mounting Bracket



| Part Number  | A         |
|--------------|-----------|
| R4-0-50253-1 | 31 (1.22) |
| R4-0-50253-2 | 28 (1.10) |
| R4-0-50253-3 | 19 (.75)  |

