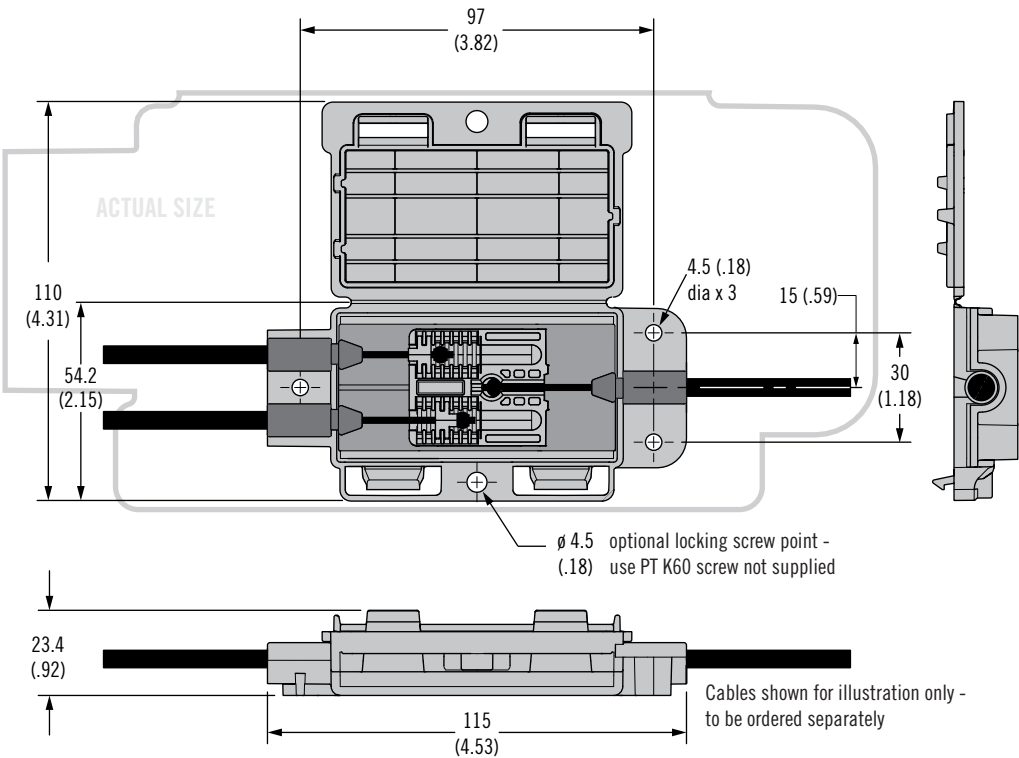# **AC** Cable Splitter

- **Allows one actuation point for two rotary latches or two actuation points for one rotary latch**
- **Adjustable to fine tune timing of actuation points**
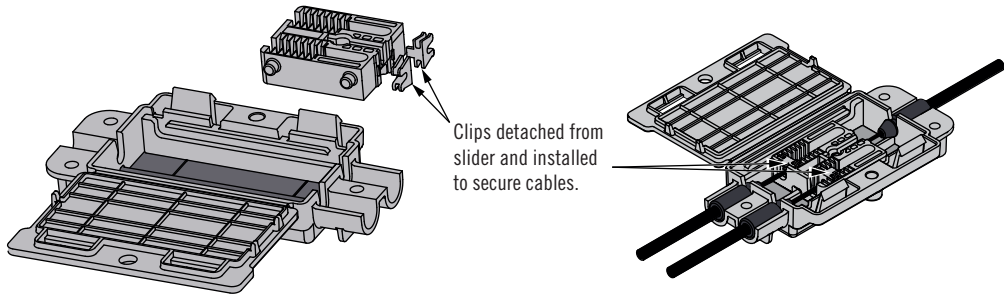- **Cable splitter and cables sold separately**

Material and Finish

Housing: Black Polypropylene
Slider: Black Glass–filled nylon

Notes

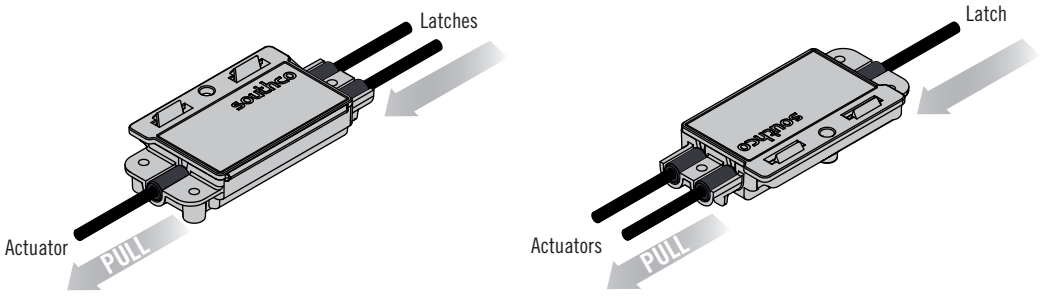For cable configuration, see Cable Selection Tool on Southco.com

ACTUAL SIZE

97
(3.82)

110
(4.31)

54.2
(2.15)

4.5 (.18)
dia x 3

15 (.59)

30
(1.18)

ø 4.5   optional locking screw point -
(.18)   use PT K60 screw not supplied

23.4
(.92)

115
(4.53)

Cables shown for illustration only -
to be ordered separately

Packaged Delivery Condition

After customer assembly

Clips detached from slider and installed to secure cables.

One actuation point for two rotary latches

Latches

Actuator

PULL

Two actuation points for one rotary latch

Latch

Actuators

PULL

Part Number
AC-05-301-11

southco®

Dimensions in millimeters (inch) unless otherwise stated

www.southco.com/AC

AC Rotary Latch 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

S Spring Option (Rotary End Only)
0 Without Spring
1 With Spring (Cable Types 6 & 7 only)

A Rotary Latch Actuator Fitting Type

TTT Cable Extension Value (mm)
Must be 3 digits. Example 79 mm, **TTT** = 079

AC - C **A** **R** **S** - **Y** - **L** - **TTT**

R Rotary Latch Fitting Type

Y Cable Type
(See next page)
Omit -TTT if Cable Type 1 or 2 Selected

L Cable Length (mm)
Must be 4 digits. Example: 250mm, **L** = 0250

Fitting Type

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

Straight Line of Sight

When cable is routing in a direct pull line between the actuator and the rotary latch with NO bends or concerns for accidental opening.

CABLE TYPE 1 - Bare Cable

CABLE TYPE 2 - Coated Cable for Appearance
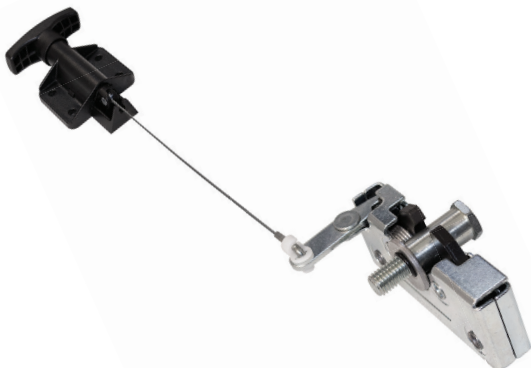
Protected Cable Routing

Use when cable routing requires bending, cable management brackets or spring assist. Provides protection from accidental opening and for routing through bulk heads. For most applications the minimum bend radius is 50.8 mm (2 inches).

For use with Mechanical Latches

CABLE TYPE 6 - Jacketed Cable with Snub End Coupling and Threaded Retainer
- Snub end mounts to all Southco actuators and mounting brackets
- Threaded end offers adjustable conduit mounting on latch end

Snub **Threaded**

CABLE TYPE 7 - Jacketed Cable with Snub and Conical End Couplings
- Snub end mounts to all Southco actuators and mounting brackets
- Conical end mounts to Rotary with integrated bracket or separate mounting bracket

Snub **Conical**

For use with R4-EM Latches

CABLE TYPE 4 - Jacketed Cable with Threaded and Snap Ring Retainer
- Threaded end offers adjustable conduit mounting on actuator end
- Snap ring retainer for connection to R4-EM electronic latches
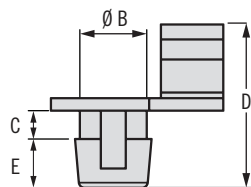
Threaded **Snap Ring**

CABLE TYPE 5 - Jacketed Cable with Conical End Coupling and Snap Ring Retainer
- Conical end mounts to most Southco actuators or separate mounting bracket
- Snap ring retainrer for connection to R4-EM electronic latches

Conical **Snap Ring**

AC Cables
Cable Accessories

- **For use with Ø 4 (.157) rod or Southco cable assembly**

Material and Finish

Clip: Acetal

Bracket: Steel

Part Number

See table

Retainer Clip

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 (.23)	3.5 (.13)	16.4 (.65)	2.8 (.11)	6.4 (.25)	3 (.12)
R4-10	Perpendicular In-line Two Point	R4-0-43922	Black	5.9 (.23)	2.5 (.10)	14.4 (.57)	4.3 (.17)	6.3 (.25)	2 (.08)
R4-10	Perpendicular In-line Two Point	R4-0-43922-3	Red	5.9 (.23)	2.5 (.10)	14.4 (.57)	4.3 (.17)	6.3 (.25)	2 (.08)
R4-10	Bottom / Top	R4-0-43922-2	Black	5.9 (.23)	4.5 (.18)	16.4 (.65)	4.3 (.17)	6.3 (.25)	4 (.16)
R4-10	Dual Trigger	R4-0-43922	Black	5.9 (.23)	2.5 (.10)	14.4 (.57)	4.3 (.17)	6.3 (.25)	2 (.08)
R4-10	Dual Trigger	R4-0-43922-3	Red	5.9 (.23)	2.5 (.10)	14.4 (.57)	4.3 (.17)	6.3 (.25)	2 (.08)
R4-10	Dual Trigger	R4-0-43922-2	Black	5.9 (.23)	4.5 (.18)	16.4 (.65)	4.3 (.17)	6.3 (.25)	4 (.16)
R4-30	Perpendicular Two Point	R4-0-43922	Black	5.9 (.23)	2.5 (.10)	14.4 (.57)	4.3 (.17)	6.3 (.25)	2 (.08)
R4-30	Perpendicular Two Point	R4-0-43922-3	Red	5.9 (.23)	2.5 (.10)	14.4 (.57)	4.3 (.17)	6.3 (.25)	2 (.08)
R4-30	Bottom	R4-0-43922-2	Black	5.9 (.23)	4.5 (.18)	16.4 (.65)	4.3 (.17)	6.3 (.25)	4 (.16)
R4-20	Bottom	R4-0-43922-1	White	6.3 (.25)	4.5 (.18)	16.4 (.65)	4.3 (.17)	6.7 (.26)	4 (.16)
R4-50	Perpendicular	R4-0-43922-1	White	6.3 (.25)	4.5 (.18)	16.4 (.65)	4.3 (.17)	6.7 (.26)	4 (.16)
R4-75	In-line	AC-9BX-20-34	Black	7.7 (.30)	2.9 (.11)	14.7 (.58)	3.3 (.13)	8.0 (.31)	2.7 (.11)

Cable Mounting Bracket

1.9 (.07)   28.1 (1.11)

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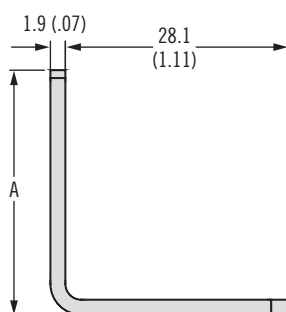
Part Number	A
R4-0-50253-1	31 (1.22)
R4-0-50253-2	28 (1.10)
R4-0-50253-3	19 (.75)

Actuator Assembly

Retainer Clip

Mounting Bracket

Mounting Screws

Cable Mounting Bracket
(1/8" Mounting screws not included)