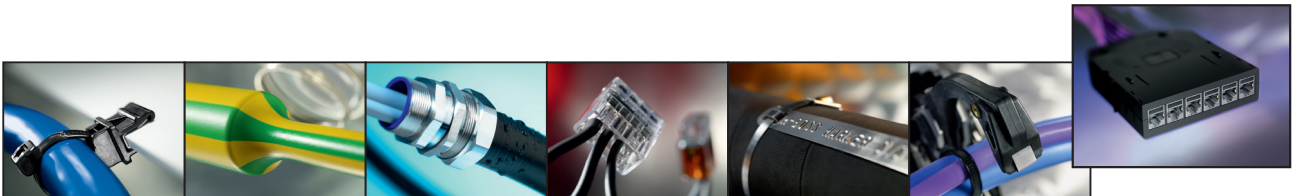


**HellermannTyton**



**Cablelok**

Better Technology through Innovation



# Cablelok™

## 100% Mechanical Seal

Fibre engineers and network owners are increasingly insisting on 100% mechanically sealed closures. Traditional heatshrink methods for cable sealing are time consuming; dependent on the skill of the engineer; and the access required around the port means heatshrink is not conducive to high port densities, particularly applicable in today's FTTX environment. There are also health and safety concerns relating to gas bottle storage/transportation and confined space use.

HellermannTyton's patented Cablelok™ mechanical seal enables fast safe cable installation, providing a highly repeatable and consistent seal between the cable and the closure port with excellent non-leak performance. Tested to in excess of 6m head of water, the Cablelok™ does not rely on the skill and experience of the engineer to achieve the required seal, whilst installation times are typically reduced by up to 90%.

## Features and Benefits

- Excellent sealing properties to in excess of 6m head of water (58.8kPa)
- Rapid installation with no specialist tools required
- Highly repeatable – the quality of the seal is not dependent on the skill of the engineer
- Eliminates the need for potentially hazardous gas bottle transportation and storage
- Ideal for use in hazardous or restricted areas as no heat or gas is required for installation
- Dual outlet versions for loop through applications
- Multi-hole versions are available allowing two cable drops from the same port
- Proven technology in the field



**Cablelok™ - 2 mins**  
**Heatshrink - 20 mins**

Oval Port Cablelok™

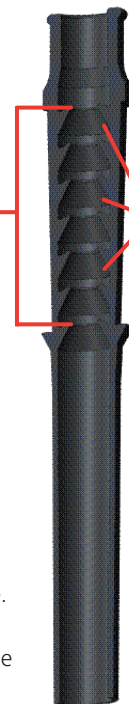


Round Port Cablelok™



Sealing Zone

Lip Seals



## How does Cablelok™ work?

Cablelok™ is manufactured from an external grade of flexible polychloroprene. Sealing is achieved by multiple internal lip seals which are compressed onto the cable during installation.

### Selecting the Correct Cablelok™

Each port size on the HellermannTyton closures has a unique identifier and a dedicated series of Cableloks (ie: R, B, S, T, LM or L).

Every Cablelok™ within a series is specifically designed to accommodate a range of cable diameters. Achieving the required seal performance is simply a case of selecting the correct Cablelok™ for the port and cable combination being used.

**Step 1:** Determine the diameter of the cable being used.

**Step 2:** Choose the appropriate closure port to be used and hence port identifier.

**Step 3:** Identify the correct Cablelok™ using the port and cable ranges shown below.

### Cablelok™

#### R Port

Cable Ø Range (mm)	Part Number	Pack Quantity	UNS No.
1.7 - 2.0	CABLELOK-R10-01	1	857-50163
	CABLELOK-R10-10	10	857-50164
2 x 1.7 - 2.0 (2 Cables)	CABLELOK-R10D-01	1	857-50161
	CABLELOK-R10D-10	10	857-50162
2.0 - 3.0	CABLELOK-R15-01	1	857-50224
	CABLELOK-R15-10	10	857-50225
2 x 2.0 - 3.0 (2 Cables)	CABLELOK-R15D-01	1	857-50226
	CABLELOK-R15D-10	10	857-50227
3.0 - 3.8	CABLELOK-R20-01	1	857-50165
	CABLELOK-R20-10	10	857-50166
2 x 3.8 - 4.8 (2 Cables)	CABLELOK-R30D-01	1	857-50159
	CABLELOK-R30D-10	10	857-50160
3.8 - 5.2	CABLELOK-R40-01	1	857-50151
	CABLELOK-R40-10	10	857-50152
5.2 - 8.0	CABLELOK-R50-01	1	857-50153
	CABLELOK-R50-10	10	857-50154
6.0 - 8.5	CABLELOK-R70-01	1	857-50167
	CABLELOK-R70-10	10	857-50168
8.0 - 9.5	CABLELOK-R80-01	1	857-50155
	CABLELOK-R80-10	10	857-50156
Port Closure Plug	CABLELOK-R99-01	1	857-50157
	CABLELOK-R99-10	10	857-50158

#### B Port

Cable Ø Range (mm)	Part Number	Pack Quantity	UNS No.
4.8 - 9.0	CABLELOK-B10-01	1	857-50149
	CABLELOK-B10-10	10	857-50150
8.0 - 14.0	CABLELOK-B20-01	1	857-50143
	CABLELOK-B20-10	10	857-50144
13.0 - 16.5	CABLELOK-B30-01	1	857-50145
	CABLELOK-B30-10	10	857-50146
Port Closure Plug	CABLELOK-B99-01	1	857-50147
	CABLELOK-B99-10	10	857-50148

### Port Opening Tools

#### Top Hat Style Tools

Part Number	Description	UNS No.
TPC1939	R PORT OPENING TOOL (FRBU, MRBU, RBU, LRBU)	857-40173
TPC1940	B PORT OPENING TOOL (4 PORT FST, FRBU, MRBU, RBU, LRBU)	857-40174



Top Hat Style Tools

#### S Port

Cable Ø Range (mm)	Part Number	Pack Quantity	UNS No.
5.0 - 8.5	Cablelok-S10-01	1	857-50179
	Cablelok-S10-10	10	857-50180
6.8 - 7.2	Cablelok-S15M5-01	1	857-50228
8.0 - 12.0	Cablelok-S20-01	1	857-50169
	Cablelok-S20-10	10	857-50170
2 X 10.0 - 11.5 (2 Cables)	Cablelok-S30D-01	1	857-50177
	Cablelok-S30D-10	10	857-50178
12.0 - 16.0	Cablelok-S40-01	1	857-50171
	Cablelok-S40-10	10	857-50172
16.0 - 20.0	Cablelok-S50-01	1	857-50173
	Cablelok-S50-10	10	857-50174
Port Closure Plug	Cablelok-S99-01	1	857-50175
	Cablelok-S99-10	10	857-50176

#### T Port

Cable Ø Range (mm)	Part Number	Pack Quantity	UNS No.
15.5 - 22.0	CABLELOK-T10-01	1	857-50189
	CABLELOK-T10-10	10	857-50190
20.0 - 23.5	CABLELOK-T20-01	1	857-50181
	CABLELOK-T20-10	10	857-50182
23.5 - 25.5	CABLELOK-T30-01	1	857-50183
	CABLELOK-T30-10	10	857-50184
24.5 - 29.0	CABLELOK-T40-01	1	857-50185
	CABLELOK-T40-10	10	857-50186
Port Closure Plug	CABLELOK-T99-01	1	857-50187
	CABLELOK-T99-10	10	857-50188

#### LM Port

Cable Ø Range (mm)	Part Number	Pack Quantity	UNS No.
2 x 4.0 - 6.5	CABLELOK-LM10C-01	1	857-50203
	CABLELOK-LM10C-10	10	857-50204
2 x 6.0 - 9.5	CABLELOK-LM20C-01	1	857-50205
	CABLELOK-LM20C-10	10	857-50206
2 x 9.0 - 12.5	CABLELOK-LM30C-01	1	857-50207
	CABLELOK-LM30C-10	10	857-50208
2 x 12.5 - 15.0	CABLELOK-LM40C-01	1	857-50209
	CABLELOK-LM40C-10	10	857-50210
Port Closure Plug	CABLELOK-LM99C-01	1	857-50211
	CABLELOK-LM99C-10	10	857-50212

#### L Port

Cable Ø Range (mm)	Part Number	Pack Quantity	UNS No.
2 x 5.5 - 9.5	CABLELOK-L10C-01	1	857-50199
	CABLELOK-L10C-10	10	857-50200
2 x 9.0 - 12.5	CABLELOK-L20C-01	1	857-50213
	CABLELOK-L20C-10	10	857-50214
2 x 12.0 - 15.0	CABLELOK-L30C-01	1	857-50191
	CABLELOK-L30C-10	10	857-50192
2 x 15.0 - 18.5	CABLELOK-L40C-01	1	857-50193
	CABLELOK-L40C-10	10	857-50194
2 x 18.3 - 20.0	CABLELOK-L50C-01	1	857-50195
	CABLELOK-L50C-10	10	857-50196
Port Closure Plug	CABLELOK-L99C-01	1	857-50197
	CABLELOK-L99C-10	10	857-50198

#### Inset Disc Style Tools

Part Number	Description	UNS No.
TPC1941	R PORT OPENING TOOL (11 & 13 PORT FST, FDN)	857-40175
TPC1942	B PORT OPENING TOOL (FDN, FML, UFC)	857-40176
TPC1943	S PORT OPENING TOOL (13 PORT FST, FDN, FML, UFC)	857-40177



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