



**Machined Aluminum**

**Straight Female**

NPT Hub Size	Cord Diameter		Form Size	Color Code	Machined Aluminum
	Inches	(mm)			
½	.25"-.38"	(6.3-9.7)	F2	White	<b>FHC1022</b>
	.38"-.50"	(9.7-12.7)		Blue	<b>FHC1023</b>
¾	.38"-.50"	(9.7-12.7)	F2	Blue	<b>FHC1033</b>
	.50"-.63"	(12.7-15.9)		Brown	<b>FHC1034</b>
1	.75"-.88"	(19.0-22.2)	F4	Orchid	<b>FHC1042†</b>
	.88"-1.00"	(22.2-25.4)		Gray	<b>FHC1043†</b>

Note: See pages V-87 to V-95 for technical information and dimensional drawings.

\*Cable jacket may have to be stripped to pass through connector body.

†Nuts are machined aluminum and bodies are cast aluminum.



**Machined Aluminum**

**IP66\***  
SUITABILITY



**Underground Feeder Connectors**

NPT Hub Size	Cord Diameter		Wire Size	UF** Machined Aluminum	Machined Zinc-Plated Steel	Nylon Gray	Nylon Black
	Inches	(mm)					
½	.2"x.4" min	(5.1 x 10.2)	2 # 14,	<b>UFC0001</b>	<b>UFC0001ZP</b>	<b>UFC0001CR</b>	<b>UFC2001CR</b>
	.25"-.55" max	(6.3 x 14.0)	2 # 12, 2 # 10.				
¾	.2"x.4" min	(5.1x10.2)	2 # 14,	<b>UFC0002</b>	-	-	-
	.25"-.55" max	(6.3x14.0)	2 # 12, 2 # 10.				
¾	.2"x.6" min	(5.1x15.2)	3 # 14,	<b>UFC0003</b>	-	<b>UFC0003CR</b>	<b>UFC2003CR</b>
	.26"x.78" max	(6.6x19.8)	3 # 12, 3 # 10.				

Note: See pages V-87 to V-95 for technical information and dimensional drawings.

\*IP66 Suitability when used with optional metal clad O-ring, see page V-84 for additional information.

\*\*Wire sizes vary among manufacturers.

Locknuts sold separately, see page V-84 for additional information.



**Machined Zinc-Plated Steel**



**Gray Nylon**

**UL** UL Listed to Type 4, 4X, 12 and Type 13 †

**Metric Aluminum Cord Connectors**

Metric Hub Size	Cord Diameter		Form Size	Catalog Number
	Inches	(mm)		
M16	.31"-.38"	(7.9-9.7)	F1	<b>SHCM161011</b>
M20	.31"-.38"	(7.9-9.7)	F1	<b>SHCM201017</b>
	.25"-.38"	(6.3-9.7)		<b>SHCM201022</b>
M20	.38"-.50"	(9.7-12.7)	F2	<b>SHCM201023</b>
	.50"-.62"	(12.7-15.8)		<b>SHCM201024</b>
M25	.38"-.50"	(9.7-12.7)	F2	<b>SHCM251033</b>
	.50"-.62"	(12.7-15.8)		<b>SHCM251034</b>
M30	.63"-.75"	(15.9-19.0)	F3	<b>SHCM301037</b>

Note: †When used with metal clad O-ring, see page V-84 for additional information.

Non-metallic Locknuts sold separately, see page V-84 for additional information.



**Machined Aluminum**



## Operating Temperatures

Material	Temperature Range	
Aluminum	-40°F to +300°F	(-40°C to +149°C)
Nylon (connectors and GOTCHA® rings)	-40°F to +225°F	(-40°C to +107°C)
Plated steel*	-60°F to +1000°F	(-51°C to +537°C)
Stainless steel*	-60°F to +1000°F	(-51°C to +537°C)
Neoprene (bushings)	-30°F to +240°F	(-34°C to +115°C)

Note: \*Due to the limiting factors of nylon and neoprene, any complete cord connector with a GOTCHA ring, Form 1-5, will continuously perform in the range of -30°F to +225°F (-34°C to +107°C).  
 Cord connectors without GOTCHA rings, Form 6-8, will continuously operate in the range -30°F to +240°F (-34°C to +115°C) due to the limiting factor of neoprene.

## Hazardous Locations

Hubbell cord connectors are suitable for use in hazardous locations per Class I Div. 2, Class II Div. 1 & 2, Class III Div. 1 & 2 in accordance with the NEC.

## Flammability

Hubbell nylon cord connectors have a UL 94-V2 rating.

## Approvals

### Agency

UL Listed in accordance with Standard 514B for indoor/outdoor use.  
 CSA Certified.  
 United States Coast Guard Approved, Title 46-Part 111.

## Form Size Definition

The term "Form Size" refers to the physical overall size of a cord connector.  
 Form 1 is the smallest size.  
 Form 8 is the largest size.

## Knockout Holes

NPT Hub Size	Knockout Hole Recommended		PG Hub Size	Knockout Hole Recommended		Metric Hub Size	Knockout Hole Recommended	
	Min. to Max. Inches	(mm)		Inches	(mm)		Inches	(mm)
¼	.54"- .57"	(13.7-14.5)	PG7	.492"	(12.5)	M12	.472"	(12)
⅜	.67"- .70"	(17.0-17.8)	PG9	.599"	(15.2)	M16	.629"	(16)
½	.86"- .91"	(21.8-23.0)	PG11	.733"	(18.6)	M20	.787"	(20)
¾	1.04"-1.09"	(26.4-27.8)	PG13.5	.804"	(20.4)	M25	.984"	(25)
1	1.36"-1.41"	(34.5-35.7)	PG16	.888"	(22.5)	M32	1.25"	(32)
1¼	1.72"-1.77"	(43.7-44.9)	PG21	1.15"	(28.3)	M40	1.57"	(40)
1½	1.97"-2.02"	(50.0-51.2)	PG29	1.47"	(34.3)			
2	2.45"-2.50"	(62.3-63.5)	PG36	1.85"	(47.0)			
2½	2.95"-3.00"	(75.0-76.2)						
3	3.58"-3.63"	(90.9-92.1)						

## NPT, PG and Metric Thread Low Profile Connectors

### Specifications

Material	6/6 Nylon.
Gland	Buna N.
Temperature Range	-22°F to 225°F (-30°C to 107°C).
	Cord Connectors are Halogen and Silicon free.
Protection Class	IP66 Suitability.
Flammability	UL 94V-2.
Listings/Certifications	UL Listing File E-41567, UL Recognition File E-41567. CSA File LR27378C, VDE Marks Licence #136681.

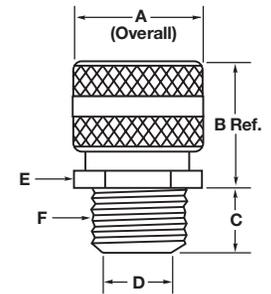
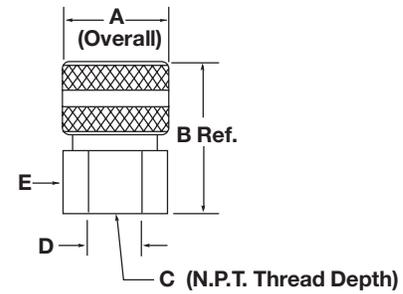


SECP29G



### Female Hubbell Connectors

Aluminum Inches (mm)							
F NPT Inches	A Form	B Dia.	C Ref.	D Throat Dia.	E		
					Across Corners	Across Flats	
3/8-18	1	.88" (22.4)	1.40" (35.6)	.56" (14.2)	.44" (11.2)	.94" (23.9)	.81" (20.6)
1/2-14	2	1.13" (28.7)	1.80" (45.7)	.56" (14.2)	.63" (16.0)	1.15" (29.2)	1.00" (25.4)
3/4-14	2	1.13" (28.7)	2.10" (53.3)	.75" (19.0)	.63" (16.0)	1.44" (36.6)	1.25" (31.7)
1-11½	4	1.75" (44.5)	2.30" (58.4)	.88" (22.4)	1.10" (27.9)	1.88" (47.8)	1.63" (41.4)
1¼-11½	5	2.31" (58.7)	2.80" (71.1)	.95" (24.1)	1.43" (36.3)	2.64" (67.1)	2.29" (58.2)
1½-11½	5	2.31" (58.7)	2.80" (71.1)	.95" (24.1)	1.43" (36.3)	2.64" (67.1)	2.29" (58.2)



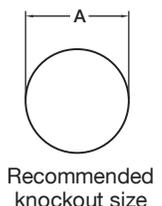
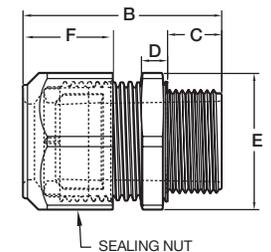
### Underground Feeder Connectors

F NPT Inches	Aluminum Inches (mm)								Zinc-Plated Steel Inches (mm)					Nylon Inches (mm)							
	A Form	B Dia.	C Ref.	D Throat Dia.	E			A	B	C	D Throat Dia.	E		A	B	C	D Throat Dia.	E			
					A/C*	A/F*	A/C*					A/F*	A/C*					A/F*	A/C*	A/F*	
1/2-14	2	1.13" (28.7)	1.10" (27.9)	.55" (14.0)	.64" (16.3)	1.10" (27.9)	1.00" (25.4)	1.27" (32.3)	1.13" (28.7)	1.20" (30.5)	.55" (14.0)	.64" (16.3)	1.11" (28.2)	1.00" (25.4)	1.32" (33.5)	1.50" (38.1)	.55" (14.0)	.58" (14.7)	1.25" (31.7)	1.13" (28.7)	
3/4-14	2	1.13" (28.7)	1.10" (27.9)	.55" (14.0)	.64" (16.3)	1.29" (32.8)	1.13" (28.7)	1.27" (32.3)	1.13" (28.7)	1.20" (30.5)	.55" (14.0)	.64" (16.3)	1.29" (32.8)	1.13" (28.7)	—	—	—	—	—	—	
3/4-14	3	1.13" (28.7)	1.50" (38.1)	.55" (14.0)	.82" (20.8)	1.40" (35.6)	1.25" (31.7)	1.55" (39.4)	1.38" (35.1)	1.40" (35.6)	.56" (14.2)	.82" (20.8)	1.40" (35.6)	1.25" (31.7)	1.56" (39.6)	1.60" (40.6)	.56" (14.2)	.77" (19.6)	1.44" (36.6)	1.31" (33.3)	

Note: \*A/C - Across Corners; A/F - Across Flats.

### Low Profile Non-Metallic NPT, PG and Metric Thread Connectors

Hub Size	Nylon Inches (mm)					
	A	B	C	D	E	F
3/8 NPT	0.670" (17.0)	1.41" (35.8)	0.48" (12.4)	0.21" (5.3)	0.83" (21.0)	0.55" (14.0)
1/2 NPT	0.875" (22.2)	1.70" (43.2)	0.61" (15.5)	0.21" (5.3)	0.88" (24.8)	0.66" (16.8)
3/4 NPT	1.068" (27.1)	2.00" (50.8)	0.62" (15.7)	0.25" (6.3)	1.30" (33.0)	0.85" (21.6)
1 NPT	1.375" (35.0)	2.41" (61.2)	0.76" (19.3)	0.30" (7.6)	1.73" (43.9)	1.05" (26.7)
PG7	0.492" (12.5)	1.16" (29.5)	0.32" (8.1)	0.21" (5.3)	0.63" (16.0)	0.48" (12.4)
PG9	0.599" (15.2)	1.25" (31.8)	0.32" (8.1)	0.21" (5.3)	0.83" (21.0)	0.55" (14.0)
PG11	0.733" (18.6)	1.48" (37.6)	0.38" (9.7)	0.21" (5.3)	0.94" (23.9)	0.70" (17.8)
PG13.5	0.804" (20.4)	1.53" (38.9)	0.41" (10.4)	0.21" (5.3)	0.98" (24.9)	0.66" (16.8)
PG16	0.888" (22.5)	1.68" (42.7)	0.44" (11.2)	0.25" (6.4)	1.06" (27.0)	0.76" (19.3)
PG21	1.15" (28.3)	1.89" (48.0)	0.52" (13.2)	0.25" (6.4)	1.30" (33.0)	.085" (21.6)
PG29	1.47" (37.30)	2.23" (56.6)	0.58" (14.7)	0.30" (7.6)	1.73" (43.9)	1.05" (26.7)
PG36	1.85" (47.0)	2.39" (60.7)	0.47" (11.9)	0.31" (7.9)	2.05" (52.7)	1.19" (30.2)
M12	0.473" (12.0)	1.16" (29.5)	0.32" (8.1)	0.21" (5.3)	0.63" (16.0)	0.49" (12.4)
M16	0.630" (16.0)	1.25" (31.8)	0.32" (8.1)	0.21" (5.3)	0.83" (21.0)	0.55" (14.0)
M20	0.787" (20.0)	1.53" (38.9)	0.41" (10.4)	0.21" (5.3)	0.98" (24.9)	0.66" (16.8)
M25	0.985" (25.0)	1.89" (48.0)	0.52" (13.2)	0.25" (6.3)	1.30" (33.0)	0.85" (21.6)
M32	1.260" (32.0)	2.23" (56.6)	0.58" (14.7)	0.30" (7.6)	1.73" (43.9)	1.05" (26.7)
M40	1.575" (40.0)	2.39" (60.7)	0.48" (12.2)	0.30" (7.6)	2.05" (52.1)	1.19" (30.2)



Dimensions shown are approximate and are subject to change without notice.