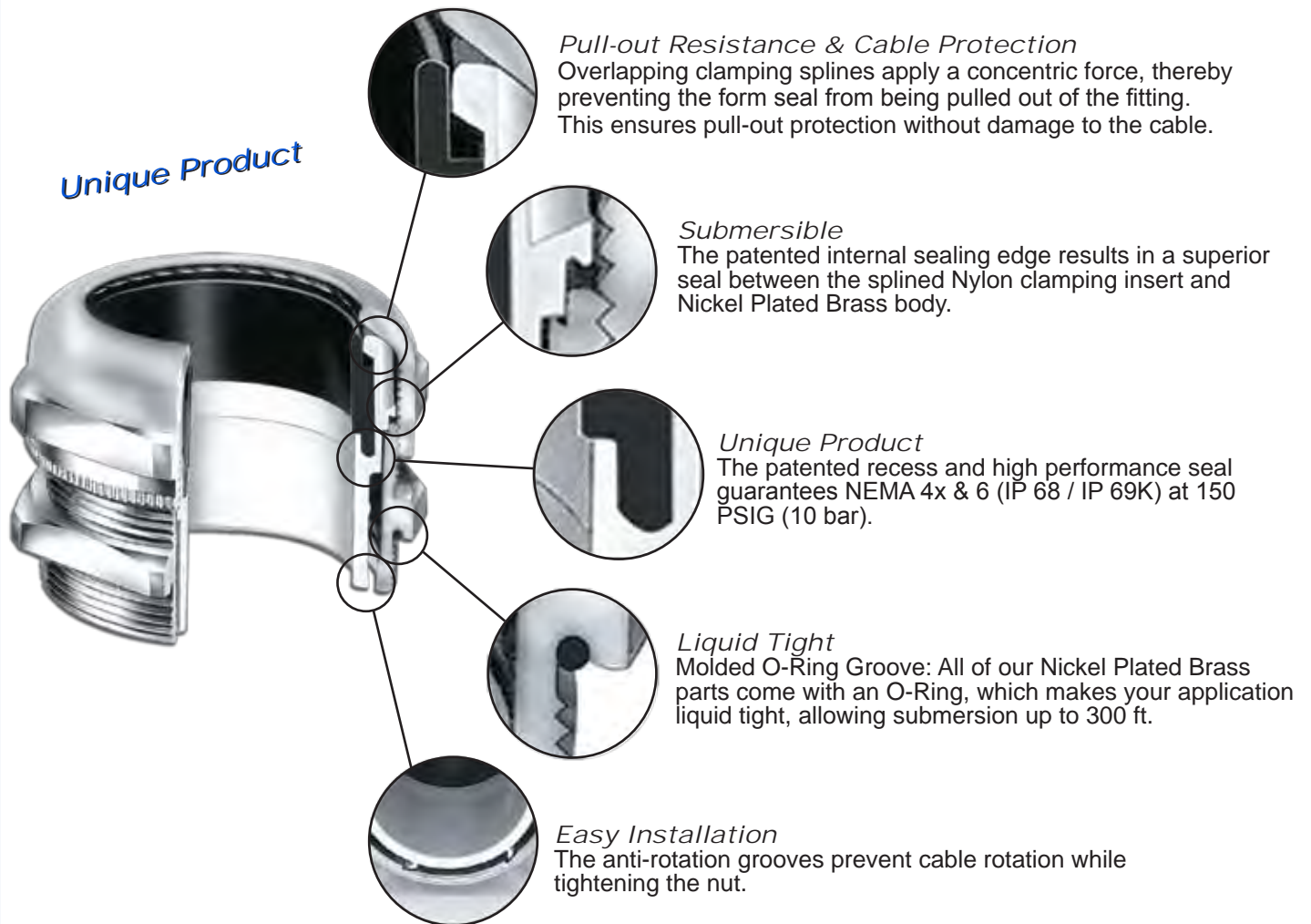


Features & Benefits:

- Liquid Tight - submersible to 300 ft. - NEMA 4x & 6 (IP 68 / IP 69K)
- Highest pressure rating - Patented form seal meets 150 PSIG (10 bar)
- Flame protected - V0 rated according to UL 94
- Halogen- and Phosphorous free materials
- Safety - Ratchet to prevent Dome from coming loose under vibration
- Large selection - Cable Range from .08" (2 mm) to 3.54" (90 mm)
- Non-Corrosive - Resistant to salt water, weak acids, weak alkalis, alcohol, esters, ketones, ether, gasoline, mineral, animal & vegetable oil.
- Durable - Rugged Construction
- Environmentally compliant - RoHS & Deca BDE

UL/UR	E103997
CSA	074032
VDE	71339
CAGE	ZERO UE114
PATENT	4145075

Your One Stop Solution For All Cable & Wire Accessories!



Time Saving Installation

Simply push the cable through Strain Relief Fitting - tighten Dome or Flex Nut - Done!
No disassembly of the Fitting required: Insert Cable - Tighten Nut - Finished!



Standard, Reduced and Multi-Hole Inserts
Modularity: increase and decrease cable opening by swapping out inserts to accommodate various cable sizes & configurations.



Flex Nut
The Stainless Steel spring extension offers superior protection against kinking and chafing of the cable.

Nickel Plated Brass Liquid Tight Strain Relief Fittings

Standard - PG/NPT/Metric Threads

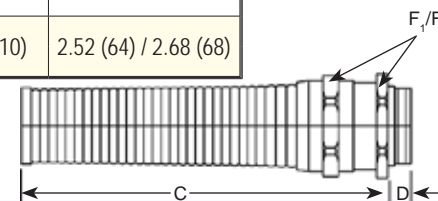
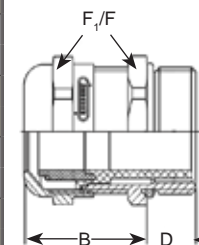
RoHS Deca BDE



Part Numbers		Cable Range Inches (mm)	Thread Type & Size See page 49 for thread specs	Dimensions in Inches (mm)				
Dome Fittings	Flex Fittings			A Clearance Hole +.01" (+.25 mm)	B Body Length (Dome)	C Body Length (Flex)	D Thread Length	F ₁ /F Wrench Flats
CD07AA-BR	CF07AA-BR	.12 - .26 (3 - 6.5)	PG 7 / 1/4" NPT	.49 (12.5)	.75 (19)	2.17 (55)	.20 (5)	.55 (14)
CD07AR-BR	CF07AR-BR	.08 - .20 (2 - 5)						
CD09AA-BR	CF09AA-BR	.16 - .31 (4 - 8)	PG 9	.60 (15.2)	.83 (21)	2.60 (66)	.24 (6)	.67 (17)
CD09AR-BR	CF09AR-BR	.08 - .24 (2 - 6)						
CD11AA-BR	CF11AA-BR	.20 - .39 (5 - 10)	PG 11	.73 (18.5)	.87 (22)	3.03 (77)	.24 (6)	.79 (20)
CD11AR-BR	CF11AR-BR	.12 - .28 (3 - 7)						
CD13AA-BR	CF13AA-BR	.24 - .47 (6 - 12)	PG 13	.80 (20.3)	.94 (24)	3.46 (88)	.26 (6.5)	.87 (22)
CD13AR-BR	CF13AR-BR	.20 - .35 (5 - 9)						
CD16AA-BR	CF16AA-BR	.39 - .55 (10 - 14)	PG 16	.88 (22.3)	.91 (23)	3.86 (98)	.26 (6.5)	.94 (24)
CD16AR-BR	CF16AR-BR	.28 - .47 (7 - 12)						
CD21AA-BR	CF21AA-BR	.51 - .71 (13 - 18)	PG 21	1.12 (28.4)	.94 (24)	4.37 (111)	.28 (7)	1.18 (30)
CD21AR-BR	CF21AR-BR	.35 - .63 (9 - 16)						
CD29AA-BR	-	.71 - .98 (18 - 25)	PG 29	1.47 (37.3)	1.14 (29)	-	.31 (8)	1.57 (40)
CD29AR-BR	-	.51 - .79 (13 - 20)						
CD36AA-BR	-	.87 - 1.26 (22 - 32)	PG 36	1.85 (47)	1.38 (35)	-	.31 (8)	1.97 (50)
CD36AR-BR	-	.79 - 1.02 (20 - 26)						
CD42AA-BR	-	1.26 - 1.50 (32 - 38)	PG 42	2.13 (54.1)	1.46 (37)	-	.35 (9)	2.24 (57)
CD42AR-BR	-	.98 - 1.22 (25 - 31)						
CD48AA-BR	-	1.46 - 1.73 (37 - 44)	PG 48	2.34 (59.4)	1.50 (38)	-	.39 (10)	2.52 (64)
CD48AR-BR	-	1.14 - 1.38 (29 - 35)						
CD09NA-BR	CF09NA-BR	.16 - .31 (4 - 8)	3/8" NPT	.68 (17.2)	.83 (21)	2.60 (66)	.59 (15)	.67 (17) / .75 (19)
CD09NR-BR	CF09NR-BR	.08 - .24 (2 - 6)						
CD13NA-BR	CF13NA-BR	.24 - .47 (6 - 12)	1/2" NPT	.83 (21.1)	.94 (24)	3.46 (88)	.51 (13)	.87 (22) / .94 (24)
CD13NR-BR	CF13NR-BR	.20 - .35 (5 - 9)						
CD16NA-BR	CF16NA-BR	.39 - .55 (10 - 14)	1/2" NPT	.83 (21.1)	1.46 (37)	4.45 (113)	.51 (13)	.94 (24)
CD16NR-BR	CF16NR-BR	.28 - .47 (7 - 12)						
CD21NA-BR	CF21NA-BR	.51 - .71 (13 - 18)	3/4" NPT	1.05 (26.7)	.98 (25)	4.37 (111)	.51 (13)	1.18 (30)
CD21NR-BR	CF21NR-BR	.35 - .63 (9 - 16)						
CD29NA-BR	-	.71 - .98 (18 - 25)	1" NPT	1.35 (34.3)	1.14 (29)	-	.75 (19)	1.57 (40)
CD29NR-BR	-	.51 - .79 (13 - 20)						
CD12MA-BR	CF12MA-BR	.12 - .26 (3 - 6.5)	M12 x 1.5	.47 (12)	.75 (19)	2.17 (55)	.26 (6.5)	.55 (14)
CD12MR-BR	CF12MR-BR	.08 - .20 (2 - 5)						
CD16MA-BR	CF16MA-BR	.16 - .31 (4 - 8)	M16 x 1.5	.63 (16)	.83 (21)	2.60 (66)	.24 (6)	.67 (17) / .75 (19)
CD16MR-BR	CF16MR-BR	.08 - .24 (2 - 6)						
CD17MA-BR	CF17MA-BR	.20 - .39 (5 - 10)	M16 x 1.5	.63 (16)	.87 (22)	3.03 (77)	.24 (6)	.79 (20)
CD17MR-BR	CF17MR-BR	.12 - .28 (3 - 7)						
CD20MA-BR	CF20MA-BR	.24 - .47 (6 - 12)	M20 x 1.5	.79 (20)	.91 (23)	3.46 (88)	.24 (6)	.87 (22)
CD20MR-BR	CF20MR-BR	.20 - .35 (5 - 9)						
CD22MA-BR	CF22MA-BR	.39 - .55 (10 - 14)	M20 x 1.5	.79 (20)	.94 (24)	3.86 (98)	.24 (6)	.94 (24)
CD22MR-BR	CF22MR-BR	.28 - .47 (7 - 12)						
CD25MA-BR	CF25MA-BR	.51 - .71 (13 - 18)	M25 x 1.5	.98 (25)	1.02 (26)	4.37 (111)	.28 (7)	1.18 (30)
CD25MR-BR	CF25MR-BR	.35 - .63 (9 - 16)						
CD32MA-BR	-	.71 - .98 (18 - 25)	M32 x 1.5	1.26 (32)	1.22 (31)	-	.31 (8)	1.57 (40)
CD32MR-BR	-	.51 - .79 (13 - 20)						
CD40MA-BR	-	.87 - 1.26 (22 - 32)	M40 x 1.5	1.57 (40)	1.46 (37)	-	.31 (8)	1.97 (50)
CD40MR-BR	-	.79 - 1.02 (20 - 26)						
CD50MA-BR	-	1.26 - 1.50 (32 - 38)	M50 x 1.5	1.97 (50)	1.46 (37)	-	.35 (9)	2.24 (57)
CD50MR-BR	-	.98 - 1.22 (25 - 31)						
CD63MA-BR	-	1.46 - 1.73 (37 - 44)	M63 x 1.5	2.48 (63)	1.50 (38)	-	.39 (10)	2.52 (64) / 2.68 (68)
CD63MR-BR	-	1.14 - 1.38 (29 - 35)						



Optional Locking Nuts & Other Accessories starting at page 28.



*Note: CSA Approval only applies to Dome Fittings. VDE Approval only applies to Fittings with Metric Thread.

Dome Fittings also available with the following approvals:



Suggested Clearance Hole for Non-Threaded Mounting

For Material Specifications please refer to page 45.



Nickel Plated Brass Liquid Tight Strain Relief Fittings Mini WADI & WADI XL - PG & Metric Threads

RoHS Deca BDE

Mini WADI Fittings solve space restriction issues. These mini components will fit into tight areas, but maintain the quality of their larger counterparts. A Buna-N or Viton® O-Ring creates a reliable seal between body and housing.

Typical Mini Applications:

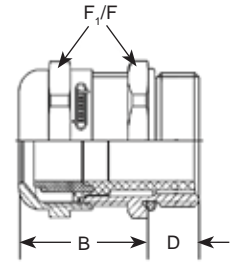
Mini WADI



- Fiber optics
- Sensors
- Cameras
- Switches
- Small appliances



Suggested Clearance Hole for Non-Threaded Mounting



Mini WADI							
Part Numbers		Cable Range	Thread Type & Size	Dimensions in Inches (mm)			
Buna-N	Viton®			A	B	D	F ₁ /F ₂
		Inches (mm)	See page 49 for thread specs	Clearance Hole + .01" (+.25 mm)	Body Length	Thread Length	Wrench Flats
CD07AW-BR	-	.08 - .18 (2 - 4.5)	PG 7	.56 (14.3)	.56 (14.3)	.14 (3.5)	.59 (15) / .43 (11)
CD06MW-BR	CD06MW-RV	.08 - .13 (2 - 3.2)	M6 x 1	.25 (6)	.39 (10)	.24 (6)	.31 (8)
CD08MW-BR	CD08MW-RV	.12 - .20 (3 - 5)	M8 x 1.25	.33 (8)	.51 (13)	.24 (6)	.43 (11)
CD10MW-BR	-	.16 - .24 (4 - 6)	M10 x 1.5	.39 (10)	.55 (14)	.24 (6)	.47 (12)

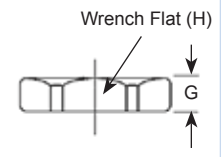
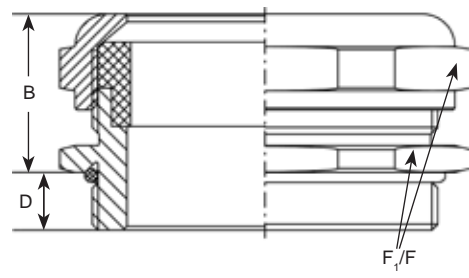
Locknuts for Mini WADI			
Part Numbers	Thread Type & Size	Dimensions in Inches (mm)	
		Thickness	Wrench Flats
	See page 49 for thread specs		
NP-07-BR	PG 7	.11 (2.8)	.59 (15)
NM-06-BR	M6 x 1.0	.10 (2.5)	.39 (10)
NM-08-BR	M8 x 1.25	.10 (2.5)	.51 (13)
NM-10-BR	M10 x 1.5	.11 (2.8)	.51 (13)

WADI XL



Typical XL Applications:

- Machine & Apparatus
- Automation
- Railroads
- Ship Building
- Off-shore
- Renewable Energy
- Utilities
- Nuclear Power



Silicone or Viton® Inserts & O-Rings for WADI XL Fittings are available on request. For inquiries - please call our Inside Technical Sales Department (800-456-9012 or 303-699-1135).

WADI XL							
Part Numbers		Cable Range	Thread Type & Size	Dimensions in Inches (mm)			
Buna-N				A	B	D	F ₁ /F ₂
		Inches (mm)	See page 49 for thread specs	Clearance Hole + .01" (+.25 mm)	Body Length	Thread Length	Wrench Flats
CX63MA-BR	1.89 - 2.17 (48 - 55)	M63 x 1.5	2.48 (63)	1.65 (42)	.39 (10)	2.95 (75)	3.15 (80)
CX75MA-BR	1.89 - 2.17 (48 - 55)						
CX75MB-BR	2.09 - 2.36 (53 - 60)	M75 x 1.5	2.95 (75)	1.65 (42)	.59 (15)	3.35 (85)	3.54 (90)
CX80MA-BR	2.28 - 2.56 (58 - 65)	M80 x 2	3.15 (80)	1.65 (42)	.59 (15)	3.94 (100)	4.33 (110)
CX90MA-BR	2.48 - 2.76 (63 - 70)						
CX90MB-BR	2.68 - 2.95 (68 - 75)	M90 x 2	3.54 (90)	1.65 (42)	.59 (15)	3.94 (100)	4.33 (110)
CX10MA-BR	2.87 - 3.15 (73 - 80)	M100 x 2	3.94 (100)	2.05 (52)	.79 (20)	4.33 (110)	4.72 (120)
CX10MB-BR	3.07 - 3.35 (78 - 85)						
CX11MA-BR	3.27 - 3.54 (83 - 90)	M110 x 2	4.33 (110)	2.05 (52)	.79 (20)	4.72 (120)	
CX52GA-BR	1.89 - 2.17 (48 - 55)	G 2-1/2"	2.96 (75.2)	1.65 (42)	.71 (18)	3.54 (90)	3.94 (100)
CX52GB-BR	2.09 - 2.36 (53 - 60)						
CX30GA-BR	2.28 - 2.56 (58 - 65)	G 3"	3.46 (87.9)	1.65 (42)	.71 (18)	4.92 (125)	4.92 (125)
CX30GB-BR	2.48 - 2.76 (63 - 70)						
CX40GA-BR	2.68 - 2.95 (68 - 75)	G 4"	4.45 (113)	2.05 (52)	.87 (22)	4.92 (125)	5.12 (130)
CX40GB-BR	2.87 - 3.15 (73 - 80)						
CX40GC-BR	3.07 - 3.35 (78 - 85)						
CX40GD-BR	3.27 - 3.54 (83 - 90)						

Locknuts for WADI XL			
Part Numbers	Thread Type & Size	Dimensions in Inches (mm)	
		G	H
	See page 49 for thread specs	Thickness	Wrench Flats
NM-63-XL	M63 x 1.5	.24 (6)	2.76 (70)
NM-75-XL	M75 x 1.5	.32 (8)	3.35 (85)
NM-80-XL	M80 x 2	.32 (8)	3.54 (90)
NM-90-XL	M90 x 2	.32 (8)	3.94 (100)
NM-10-XL	M100 x 2	.43 (11)	4.53 (115)
NM-11-XL	M110 x 2	.43 (11)	4.92 (125)
NG-52-XL	G 2-1/2"	.28 (7)	3.15 (80)
NG-30-XL	G 3"	.32 (8)	3.74 (95)
NG-40-XL	G 4"	.43 (11)	4.92 (125)

Viton® is a federally registered trademark of DuPont Dow Elastomer.

For Material Specifications please refer to page 45.



Nylon Strain Relief
Nickel Plated Brass
PVDF / Steel
Accessories
Adapter, Reducer, Enlarger
Conduit System
Technical Information
Other Products / Index

Nickel Plated Brass Liquid Tight Strain Relief Fittings

Elongated - PG & Metric Threads

RoHS Deca BDE



Part Numbers		Cable Range	Thread Type & Size	Dimensions in Inches (mm)				
Dome Fittings	Flex Fittings			A	B	C	D	F ₁ /F
		Inches (mm)	See page 49 for thread specs	Clearance Hole + .01* (+.25 mm)	Body Length (Dome)	Body Length (Flex)	Thread Length	Wrench Flats
CD07CA-BR	CF07CA-BR	.12 - .26 (3 - 6.5)		PG 7	.49 (12.5)	.75 (19)	2.17 (55)	.39 (10)
CD07CR-BR	CF07CR-BR	.08 - .20 (2 - 5)	PG 9	.60 (15.2)	.83 (21)	2.60 (66)	.39 (10)	.67 (17)
CD09CA-BR	CF09CA-BR	.16 - .31 (4 - 8)						
CD09CR-BR	CF09CR-BR	.08 - .24 (2 - 6)	PG 11	.73 (18.5)	.87 (22)	3.03 (77)	.39 (10)	.79 (20)
CD11CA-BR	CF11CA-BR	.20 - .39 (5 - 10)						
CD11CR-BR	CF11CR-BR	.12 - .28 (3 - 7)	PG 13	.80 (20.3)	.94 (24)	3.46 (88)	.39 (10)	.87 (22)
CD13CA-BR	CF13CA-BR	.24 - .47 (6 - 12)						
CD13CR-BR	CF13CR-BR	.20 - .35 (5 - 9)	PG 16	.88 (22.3)	.91 (23)	3.86 (98)	.39 (10)	.94 (24)
CD16CA-BR	CF16CA-BR	.39 - .55 (10 - 14)						
CD16CR-BR	CF16CR-BR	.28 - .47 (7 - 12)	PG 21	1.12 (28.4)	.94 (24)	4.37 (111)	.47 (12)	1.18 (30)
CD21CA-BR	CF21CA-BR	.51 - .71 (13 - 18)						
CD21CR-BR	CF21CR-BR	.35 - .63 (9 - 16)	PG 29	1.47 (37.3)	1.14 (29)	-	.47 (12)	1.57 (40)
CD29CA-BR	-	.71 - .98 (18 - 25)						
CD29CR-BR	-	.51 - .79 (13 - 20)	PG 36	1.85 (47)	1.38 (35)	-	.59 (15)	1.97 (50)
CD36CA-BR	-	.87 - 1.26 (22 - 32)						
CD36CR-BR	-	.79 - 1.02 (20 - 26)	PG 42	2.13 (54.1)	1.46 (37)	-	.59 (15)	2.24 (57)
CD42CA-BR	-	1.26 - 1.50 (32 - 38)						
CD42CR-BR	-	.98 - 1.22 (25 - 31)	PG 48	2.34 (59.4)	1.50 (38)	-	.59 (15)	2.52 (64)
CD48CA-BR	-	1.46 - 1.73 (37 - 44)						
CD48CR-BR	-	1.14 - 1.38 (29 - 35)						

Elongated is recommend where the Strain Relief has to pass through a thick wall or the application just needs the extra thread length.



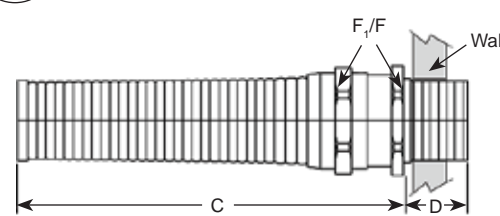
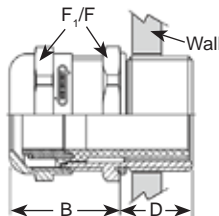
Dome Fittings also available with the following approvals:



Optional Locking Nuts, O-Rings & other Accessories starting at page 28.



Suggested Clearance Hole for Non-Threaded Mounting



CD12DA-BR	CF12DA-BR	.12 - .26 (3 - 6.5)	M12 x 1.5	.47 (12)	.75 (19)	2.17 (55)	.39 (10)	.55 (14)
CD12DR-BR	CF12DR-BR	.08 - .20 (2 - 5)						
CD16DA-BR	CF16DA-BR	.16 - .31 (4 - 8)	M16 x 1.5	.63 (16)	.83 (21)	2.60 (66)	.39 (10)	.67 (17) / .75 (19)
CD16DR-BR	CF16DR-BR	.08 - .24 (2 - 6)						
CD17DA-BR	CF17DA-BR	.20 - .39 (5 - 10)	M16 x 1.5	.63 (16)	.87 (22)	3.03 (77)	.39 (10)	.79 (20)
CD17DR-BR	CF17DR-BR	.12 - .28 (3 - 7)						
CD20DA-BR	CF20DA-BR	.24 - .47 (6 - 12)	M20 x 1.5	.79 (20)	.91 (23)	3.46 (88)	.39 (10)	.87 (22)
CD20DR-BR	CF20DR-BR	.20 - .35 (5 - 9)						
CD22DA-BR	CF22DA-BR	.39 - .55 (10 - 14)	M20 x 1.5	.79 (20)	.94 (24)	3.86 (98)	.39 (10)	.94 (24)
CD22DR-BR	CF22DR-BR	.28 - .47 (7 - 12)						
CD25DA-BR	CF25DA-BR	.51 - .71 (13 - 18)	M25 x 1.5	.98 (25)	1.02 (26)	4.37 (111)	.47 (12)	1.18 (30)
CD25DR-BR	CF25DR-BR	.35 - .63 (9 - 16)						
CD32DA-BR	-	.71 - .98 (18 - 25)	M32 x 1.5	1.26 (32)	1.22 (31)	-	.47 (12)	1.57 (40)
CD32DR-BR	-	.51 - .79 (13 - 20)						
CD40DA-BR	-	.87 - 1.26 (22 - 32)	M40 x 1.5	1.57 (40)	1.46 (37)	-	.59 (15)	1.97 (50)
CD40DR-BR	-	.79 - 1.02 (20 - 26)						
CD50DA-BR	-	1.26 - 1.50 (32 - 38)	M50 x 1.5	1.97 (50)	1.46 (37)	-	.59 (15)	2.24 (57)
CD50DR-BR	-	.98 - 1.22 (25 - 31)						
CD63DA-BR	-	1.46 - 1.73 (37 - 44)	M63 x 1.5	2.48 (63)	1.50 (38)	-	.59 (15)	2.52 (64) / 2.68 (68)
CD63DR-BR	-	1.14 - 1.38 (29 - 35)						

For Material Specifications please refer to page 45.

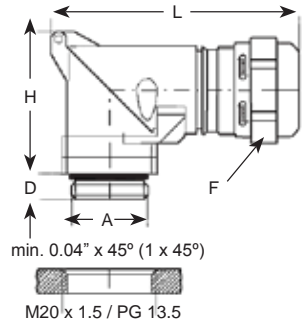
*Note: VDE Approval only applies to Fittings with Metric Thread.



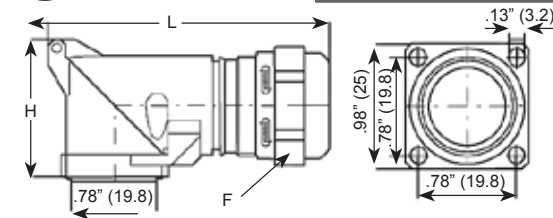
Nickel Plated Brass Liquid Tight Strain Relief Fittings



90° Snap Elbow - PG & Metric Threads / Flange

RoHS Deca BDE



Suggested Clearance Hole for Non-Threaded Mounting



Part Numbers		Cable Range	Thread Type & Size	Dimensions in Inches (mm)				
w/ Connection Threads	w/ Mounting Flange			A	H	L	D	F
		Inches (mm)	See page 49 for thread specs	Clearance Hole	Body Height	Body Length	Thread Length	Wrench Flats
				+ .01* (+.25 mm)				
ED20MA-BR	-	.39 - .55 (10 - 14)	M20 x 1.5	.79 (20)	1.50 (38)	2.60 (66)	.30 (7.5)	.98 (25)
ED20MR-BR	-	.28 - .47 (7 - 12)						
ED13AA-BR	-	.39 - .55 (10 - 14)	PG 13.5	.80 (20.3)	1.50 (38)	2.60 (66)	.30 (7.5)	.98 (25)
ED13AR-BR	-	.28 - .47 (7 - 12)						
-	ED20FA-BR	.39 - .55 (10 - 14)	Flange	.79 (20)	1.34 (34)	2.60 (66)	-	.98 (25)
-	ED20FR-BR	.28 - .47 (7 - 12)						

Robust - Compact - Low profile!

Secure your connection today with these flange or threaded Snap Elbows. Saving on Space and Time during installation.



Quick & Easy Installation: Insert cable into open Elbow, Snap closed, tighten dome nut for a liquid tight connection. - Done!



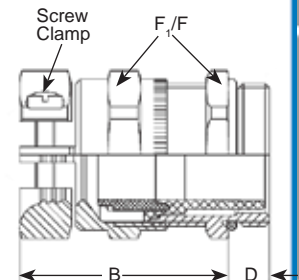
Nickel Plated Brass Liquid Tight Strain Relief Fittings

Clamp High Performance - PG/NPT/Metric Threads

RoHS Deca BDE

Part Numbers		Cable Range	Thread Type & Size	Dimensions in Inches (mm)				
Clamp Fittings Standard Thread	Clamp Fittings w/ Elongated Thread			A	B	D	D	F ₁ /F
		Inches (mm)	See page 49 for thread specs	Clearance Hole	Body Length	Thread Length Standard	Thread Length Elongated	Wrench Flats
				+ .01* (+.25 mm)				
CD07AA-MZ	CD07CA-MZ	.12 - .26 (3 - 6.5)	PG 7	.49 (12.5)	1.02 (26)	.20 (5)	.39 (10)	.55 (14)
CD09AA-MZ	CD09CA-MZ	.16 - .31 (4 - 8)	PG 9	.60 (15.2)	1.10 (28)	.24 (6)	.39 (10)	.67 (17)
CD11AA-MZ	CD11CA-MZ	.24 - .39 (6 - 10)	PG 11	.73 (18.5)	1.18 (30)	.24 (6)	.39 (10)	.79 (20)
CD13AA-MZ	CD13CA-MZ	.24 - .47 (6 - 12)	PG 13	.80 (20.3)	1.30 (33)	.25 (6.5)	.39 (10)	.87 (22)
CD16AA-MZ	CD16CA-MZ	.39 - .55 (10 - 14)	PG 16	.88 (22.3)	1.30 (33)	.25 (6.5)	.39 (10)	.94 (24)
CD21AA-MZ	CD21CA-MZ	.51 - .71 (13 - 18)	PG 21	1.12 (28.4)	1.46 (37)	.28 (7)	.47 (12)	1.18 (30)
CD29AA-MZ	CD29CA-MZ	.79 - .98 (20 - 25)	PG 29	1.47 (37.3)	1.69 (43)	.31 (8)	.47 (12)	1.57 (40)
CD36AA-MZ	CD36CA-MZ	.94 - 1.26 (24 - 32)	PG 36	1.85 (47)	1.97 (50)	.31 (8)	.59 (15)	1.97 (50)
CD42AA-MZ	CD42CA-MZ	1.26 - 1.50 (32 - 38)	PG 42	2.13 (54.1)	2.01 (51)	.35 (9)	.59 (15)	2.24 (57)
CD48AA-MZ	CD48CA-MZ	1.46 - 1.73 (37 - 44)	PG 48	2.34 (59.4)	2.05 (52)	.39 (10)	.59 (15)	2.52 (64)
CD09NA-MZ	-	.16 - .31 (4 - 8)	3/8" NPT	.68 (17.2)	1.10 (28)	.59 (15)	-	.67 (17) / .75 (19)
CD13NA-MZ	-	.28 - .47 (7 - 12)	1/2" NPT	.83 (21.1)	1.30 (33)	.51 (13)	-	.87 (22) / .94 (24)
CD21NA-MZ	-	.51 - .71 (13 - 18)	3/4" NPT	1.05 (26.7)	1.46 (37)	.51 (13)	-	1.18 (30)
CD29NA-MZ	-	.71 - .98 (18 - 25)	1" NPT	1.35 (34.3)	1.69 (43)	.75 (19)	-	1.57 (40)
CD12MA-MZ	CD12DA-MZ	.12 - .26 (3 - 6.5)	M12 x 1.5	.47 (12)	1.02 (26)	.26 (6.5)	.39 (10)	.55 (14)
CD16MA-MZ	CD16DA-MZ	.16 - .31 (4 - 8)	M16 x 1.5	.63 (16)	1.10 (28)	.24 (6)	.39 (10)	.75 (19)
CD17MA-MZ	CD17DA-MZ	.24 - .39 (6 - 10)	M16 x 1.5	.63 (16)	1.18 (30)	.24 (6)	.39 (10)	.79 (20)
CD20MA-MZ	CD20DA-MZ	.24 - .47 (6 - 12)	M20 x 1.5	.79 (20)	1.30 (33)	.24 (6)	.39 (10)	.87 (22)
CD22MA-MZ	CD22DA-MZ	.39 - .55 (10 - 14)	M20 x 1.5	.79 (20)	1.30 (33)	.24 (6)	.39 (10)	.94 (24)
CD25MA-MZ	CD25DA-MZ	.51 - .71 (13 - 18)	M25 x 1.5	.98 (25)	1.46 (37)	.28 (7)	.47 (12)	1.18 (30)
CD32MA-MZ	CD32DA-MZ	.71 - .98 (18 - 25)	M32 x 1.5	1.26 (32)	1.69 (43)	.31 (8)	.47 (12)	1.57 (40)
CD40MA-MZ	CD40DA-MZ	.87 - 1.26 (22 - 32)	M40 x 1.5	1.57 (40)	1.97 (50)	.31 (8)	.59 (15)	1.97 (50)
CD50MA-MZ	CD50DA-MZ	1.26 - 1.50 (32 - 38)	M50 x 1.5	1.97 (50)	2.01 (51)	.35 (9)	.59 (15)	2.24 (57)
CD50MR-MZ	CD50DR-MZ	.98 - 1.22 (25 - 31)						
CD63MA-MZ	CD63DA-MZ	1.46 - 1.73 (37 - 44)	M63 x 1.5	2.48 (63)	2.05 (52)	.39 (10)	.59 (15)	2.52 (64) / 2.68 (68)
CD63MR-MZ	CD63DR-MZ	1.14 - 1.38 (29 - 35)						

High Performance Liquid Tight Strain Relief Fitting - The Clamping Nut provides extra Pull-out Resistance.



Suggested Clearance Hole for Non-Threaded Mounting

*Note: VDE Approval only applies to Fittings with Metric Thread.

For Material Specifications please refer to page 45.

Nylon Strain Relief
Nickel Plated Brass
PVDF / Steel
Accessories
Adapter, Reducer, Enlarger
Conduit System
Technical Information
Other Products / Index

Nickel Plated Brass Liquid Tight Strain Relief Fittings

EMI/RFI Proof - Product Features

RoHS Deca BDE



EMI (Electromagnetic Interference) / RFI (Radio Frequency Interference) is an unwanted disturbance that affects an electrical circuit due to either electromagnetic conduction or electromagnetic radiation emitted from an external source. The disturbance may interrupt, obstruct, or otherwise limit the effective performance of the circuit.



These Liquid Tight EMI / RFI - Proof Grounded Strain Relief Fittings made of Nickel Plated Brass are the perfect answer to stringent requirements for reliable grounding and protection from electromagnetic interference.

Two styles are available: **Standard** and **Feed-Through**.

Standard (-BE)

The Standard version has an integral O-ring, which presses the braiding against the inside wall of the body but can only be used with braided shield.



Overlapping clamping splines apply a concentric force, thereby preventing the form seal from being pulled out of the fitting. This ensures pull-out protection without damage to the cable.



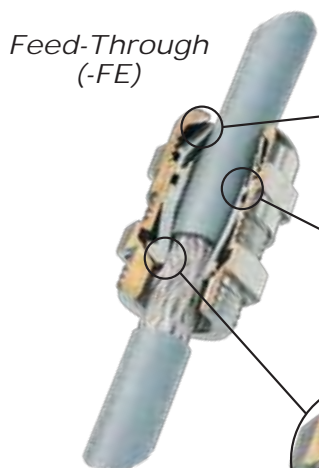
The patented internal sealing edge results in a superior seal between the splined Nylon clamping insert and Nickel Plated Brass body.



Patented 360° grounding due to the internal O-Ring, which ensures perfect contact between braided shield of cable and fitting.

*Feed-Through works well with braided or foil shield and provides **reliable grounding by means of metal spring fingers.***

Feed-Through (-FE)



Overlapping clamping splines apply a concentric force, thereby preventing the form seal from being pulled out of the fitting. This ensures pull-out protection without damage to the cable.



Metal-coated spline insert provides electrical conductivity.



Flexible contact points allow contact with variable braid and foil diameters and add additional strain relief to a solution.





Nickel Plated Brass Liquid Tight Strain Relief Fittings EMI/RFI Proof - Applications & Assembly

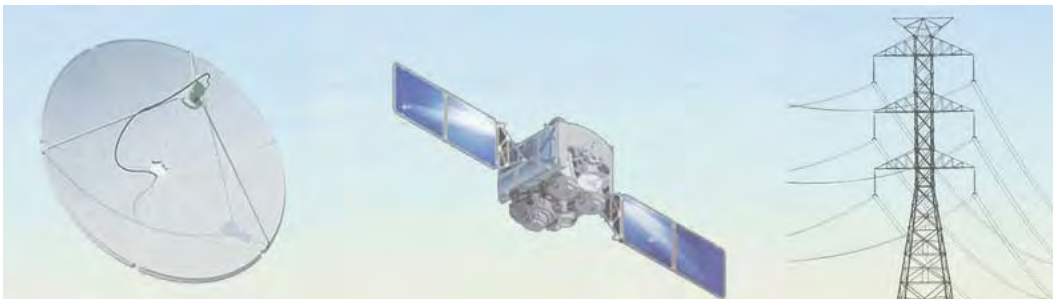
RoHS Deca BDE

- Halogen and Phosphorous-Free
- Fire Protection Class V0 According to UL 94
- Liquid Tight per NEMA 4x & 6 to 150 PSIG (IP 68 to 10 bar)
- Quick Assembly and Reliable Grounding of Braid or Foil Shielded Cables

EMI/RFI Proof Strain Relief Fittings in all popular thread types and sizes are used in the following areas:

- Telecommunication
- Measuring, control and feedback systems
- Control panels
- Traffic, etc.







Also used in all areas where in addition to a reliable liquid tight seal, high pull-out resistance and anti-rotation provisions, a dependable contact with the cable shield is required.



To ensure a good ground connection between the Cord Grip and a Metal Enclosure, we strongly recommend the use of **EMI/RFI Locking Nuts** (Page 29) for non-threaded mounting.

These Locking Nuts have cutting edges which will slice through paint and coatings into the metal of the enclosure to ensure grounding. (see page 29)

Assembly Instructions

<i>Standard (-BE)</i>	<i>Feed-Through (-FE)</i>
 <p>Step 1</p> <ul style="list-style-type: none"> • Strip cable • Expose braided shield 	 <p>Option 1 - Partial Jacket Stripping:</p> <ul style="list-style-type: none"> • Expose shield approximately 7/16" (10 mm) • Insert cable into fitting until the braid or foil reaches the contact position • Tighten the dome nut • Finished
 <p>Step 2</p> <ul style="list-style-type: none"> • Feed cable through dome nut & clamping insert • Fold braided shield back over O-Ring on clamping insert • Make sure that braided shield overlaps the O-ring by 3/32" (2 mm) only 	 <p>Option 2 - Total Jacket Removed:</p> <ul style="list-style-type: none"> • Remove cable jacket to expose the braid or foil • Insert cable into fitting until the braid reaches the contact point • Tighten the dome nut • Finished
 <p>Step 3</p> <ul style="list-style-type: none"> • Push clamping insert into body • Tighten dome nut • Finished 	 <p>Option 3 - Fold Shield over Jacket:</p> <ul style="list-style-type: none"> • Strip cable jacket & braiding to different lengths • For smaller cable diameters fold the braided shield back over the cable jacket • Insert cable into fitting until the braid reaches the contact point • Tighten the dome nut • Finished

Questions or concerns? - Please call our well-trained Inside Technical Sales Department (800-456-9012 or 303-699-1135).

For Material Specifications please refer to page 45.



Nickel Plated Brass Liquid Tight Strain Relief Fittings

EMI/RFI Proof - PG/NPT/Metric & Elongated Threads

RoHS Deca BDE

EMI/RFI Proof - Grounded: Standard Version (-BE)

Part Numbers				Cable Range	Thread Type & Size	Dimensions in Inches (mm)					
Dome Fittings Standard	Flex Fittings Standard	Dome Fittings Elongated	Flex Fittings Elongated			A	B	C	D	D	F ₁ /F
				Inches (mm)	See page 49 for thread specs	Clearance Hole + .01" (+.25 mm)	Body Length (Dome)	Body Length (Flex)	Thread Length Standard Thread	Thread Length Elongated Thread	Wrench Flats
CD07AA-BE	CF07AA-BE	CD07CA-BE	CF07CA-BE	.12 - .26 (3 - 6.5)	PG 7 / 1/4" NPT	.49 (12.5)	.75 (19)	2.17 (55)	.20 (5)	.39 (10)	.55 (14)
CD07AR-BE	CF07AR-BE	CD07CR-BE	CF07CR-BE	.08 - .20 (2 - 5)	PG 9	.60 (15.2)	.83 (21)	2.60 (66)	.24 (6)	.39 (10)	.67 (17)
CD09AA-BE	CF09AA-BE	CD09CA-BE	CF09CA-BE	.16 - .31 (4 - 8)							
CD09AR-BE	CF09AR-BE	CD09CR-BE	CF09CR-BE	.08 - .24 (2 - 6)	PG 11	.73 (18.5)	.87 (22)	3.03 (77)	.24 (6)	.39 (10)	.79 (20)
CD11AA-BE	CF11AA-BE	CD11CA-BE	CF11CA-BE	.20 - .39 (5 - 10)							
CD11AR-BE	CF11AR-BE	CD11CR-BE	CF11CR-BE	.12 - .28 (3 - 7)	PG 13	.80 (20.3)	.94 (24)	3.46 (88)	.26 (6.5)	.39 (10)	.87 (22)
CD13AA-BE	CF13AA-BE	CD13CA-BE	CF13CA-BE	.24 - .47 (6 - 12)							
CD13AR-BE	CF13AR-BE	CD13CR-BE	CF13CR-BE	.20 - .35 (5 - 9)	PG 16	.88 (22.3)	.91 (23)	3.86 (98)	.26 (6.5)	.39 (10)	.94 (24)
CD16AA-BE	CF16AA-BE	CD16CA-BE	CF16CA-BE	.39 - .55 (10 - 14)							
CD16AR-BE	CF16AR-BE	CD16CR-BE	CF16CR-BE	.28 - .47 (7 - 12)	PG 21	1.12 (28.4)	.94 (24)	4.37 (111)	.28 (7)	.47 (12)	1.18 (30)
CD21AA-BE	CF21AA-BE	CD21CA-BE	CF21CA-BE	.51 - .71 (13 - 18)							
CD21AR-BE	CF21AR-BE	CD21CR-BE	CF21CR-BE	.35 - .63 (9 - 16)	PG 29	1.47 (37.3)	1.14 (29)	-	.31 (8)	.47 (12)	1.57 (40)
CD29AA-BE	-	CD29CA-BE	-	.71 - .98 (18 - 25)							
CD29AR-BE	-	CD29CR-BE	-	.51 - .79 (13 - 20)	PG 36	1.85 (47)	1.38 (35)	-	.31 (8)	.59 (15)	1.97 (50)
CD36AA-BE	-	CD36CA-BE	-	.87 - 1.26 (22 - 32)							
CD36AR-BE	-	CD36CR-BE	-	.79 - 1.02 (20 - 26)	PG 42	2.13 (54.1)	1.46 (37)	-	.35 (9)	.59 (15)	2.24 (57)
CD42AA-BE	-	CD42CA-BE	-	1.26 - 1.50 (32 - 38)							
CD42AR-BE	-	CD42CR-BE	-	.98 - 1.22 (25 - 31)	PG 48	2.34 (59.4)	1.50 (38)	-	.39 (10)	.59 (15)	2.52 (64)
CD48AA-BE	-	CD48CA-BE	-	1.46 - 1.73 (37 - 44)							
CD48AR-BE	-	CD48CR-BE	-	1.14 - 1.38 (29 - 35)							
CD09NA-BE	CF09NA-BE	-	-	.16 - .31 (4 - 8)	3/8" NPT	.68 (17.2)	.83 (21)	2.60 (66)	.59 (15)	-	.67 (17) / .75 (19)
CD09NR-BE	CF09NR-BE	-	-	.08 - .24 (2 - 6)	1/2" NPT	.83 (21.1)	.94 (24)	3.46 (88)	.51 (13)	-	.87 (22) / .94 (24)
CD13NA-BE	CF13NA-BE	-	-	.24 - .47 (6 - 12)							
CD13NR-BE	CF13NR-BE	-	-	.20 - .35 (5 - 9)	3/4" NPT	1.05 (26.7)	.98 (25)	4.37 (111)	.51 (13)	-	1.18 (30)
CD21NA-BE	CF21NA-BE	-	-	.51 - .71 (13 - 18)							
CD21NR-BE	CF21NR-BE	-	-	.35 - .63 (9 - 16)							
CD12MA-BE	CF12MA-BE	CD12DA-BE	CF12DA-BE	.12 - .26 (3 - 6.5)	M12 x 1.5	.47 (12)	.75 (19)	2.17 (55)	.26 (6.5)	.39 (10)	.55 (14)
CD12MR-BE	CF12MR-BE	CD12DR-BE	CF12DR-BE	.08 - .20 (2 - 5)	M16 x 1.5	.63 (16)	.87 (22)	3.03 (77)	.24 (6)	.39 (10)	.79 (20)
CD16MA-BE	CF16MA-BE	CD16DA-BE	CF16DA-BE	.20 - .39 (5 - 10)							
CD16MR-BE	CF16MR-BE	CD16DR-BE	CF16DR-BE	.12 - .28 (3 - 7)	M20 x 1.5	.79 (20)	.91 (23)	3.86 (98)	.24 (6)	.39 (10)	.94 (24)
CD20MA-BE	CF20MA-BE	CD20DA-BE	CF20DA-BE	.39 - .55 (10 - 14)							
CD20MR-BE	CF20MR-BE	CD20DR-BE	CF20DR-BE	.28 - .47 (7 - 12)	M25 x 1.5	.98 (25)	.94 (24)	4.37 (111)	.28 (7)	.47 (12)	1.18 (30)
CD25MA-BE	CF25MA-BE	CD25DA-BE	CF25DA-BE	.51 - .71 (13 - 18)							
CD25MR-BE	CF25MR-BE	CD25DR-BE	CF25DR-BE	.35 - .63 (9 - 16)	M32 x 1.5	1.26 (32)	1.22 (31)	-	.31 (8)	.47 (12)	1.57 (40)
CD32MA-BE	-	CD32DA-BE	-	.71 - .98 (18 - 25)							
CD32MR-BE	-	CD32DR-BE	-	.51 - .79 (13 - 20)	M40 x 1.5	1.57 (40)	1.46 (37)	-	.31 (8)	.59 (15)	1.97 (50)
CD40MA-BE	-	CD40DA-BE	-	.87 - 1.26 (22 - 32)							
CD40MR-BE	-	CD40DR-BE	-	.79 - 1.02 (20 - 26)	M50 x 1.5	1.97 (50)	1.46 (37)	-	.35 (9)	-	2.24 (57)
CD50MA-BE	-	-	-	1.26 - 1.50 (32 - 38)							
CD50MR-BE	-	-	-	.98 - 1.22 (25 - 31)	M63 x 1.5	2.48 (63)	1.50 (38)	-	.39 (10)	-	2.52 (64) / 2.68 (68)
CD63MA-BE	-	-	-	1.46 - 1.73 (37 - 44)							
CD63MR-BE	-	-	-	1.14 - 1.38 (29 - 35)							

*Note: VDE Approval only applies to Fittings with Metric Thread. UL, UR & CSA Approval applies to Dome Fittings.



EMI/RFI Fittings are also available with High Performance Clamp or in Stainless Steel. For inquiries - please call our Inside Technical Sales Department (800-456-9012 or 303-699-1135).

Dome Fittings also available with the following approvals:



For Material Specifications please refer to page 45.

EMI/RFI Proof - Grounded: Feed-Through Version (-FE)

Part Numbers		Cable Range	Thread Type & Size	Dimensions in Inches (mm)				
Dome Fittings Standard	Dome Fittings Elongated			A	B	D	D	F ₁ /F
		Inches (mm)	See page 49 for thread specs	Clearance Hole +.01" (+.25 mm)	Body Length	Thread Length Standard Thread	Thread Length Elongated Thread	Wrench Flats
CD07AA-FE	-	.12 - .26 (3 - 6.5)	PG 7 / 1/4" NPT	.49 (12.5)	.94 (24)	.20 (5)	-	.55 (14)
CD09AA-FE	-	.16 - .31 (4 - 8)	PG 9	.60 (15.2)	1.10 (28)	.24 (6)	-	.67 (17)
CD11AA-FE	-	.20 - .39 (5 - 10)	PG 11	.73 (18.5)	1.14 (29)	.24 (6)	-	.79 (20)
CD13AA-FE	-	.24 - .47 (6 - 12)	PG 13	.80 (20.3)	1.22 (31)	.26 (6.5)	-	.87 (22)
CD16AA-FE	-	.39 - .55 (10 - 14)	PG 16	.88 (22.3)	1.26(32)	.26 (6.5)	-	.94 (24)
CD21AA-FE	-	.51 - .71 (13 - 18)	PG 21	1.12 (28.4)	1.50 (38)	.28 (7)	-	1.18 (30)
CD29AA-FE	-	.71 - .98 (18 - 25)	PG 29	1.47 (37.3)	1.69 (43)	.31 (8)	-	1.57 (40)
CD36AA-FE	-	.94 - 1.26 (24 - 32)	PG 36	1.85 (47)	1.89 (48)	.31 (8)	-	1.97 (50)
CD42AA-FE	-	1.26 - 1.50 (32 - 38)	PG 42	2.13 (54.1)	1.77 (45)	.35 (9)	-	2.24 (57)
CD48AA-FE	-	1.46 - 1.73 (37 - 44)	PG 48	2.34 (59.4)	1.81 (46)	.39 (10)	-	2.52 (64)
CD09NA-FE	-	.16 - .31 (4 - 8)	3/8" NPT	.68 (17)	1.14 (29)	.59 (15)	-	.67 (17) / .75 (19)
CD13NA-FE	-	.24 - .47 (6 - 12)	1/2" NPT	.83 (21)	1.30 (33)	.51 (13)	-	.87 (22) / .94 (24)
CD21NA-FE	-	.51 - .71 (13 - 18)	3/4" NPT	1.05 (27)	1.54 (39)	.51 (13)	-	1.18 (30)
CD12MA-FE	CD12DA-FE	.12 - .26 (3 - 6.5)	M12 x 1.5	.47 (12)	.98 (25)	.26 (6.5)	.39 (10)	.55 (14)
CD16MA-FE	CD16DA-FE	.20 - .39 (5 - 10)	M16 x 1.5	.63 (16)	1.26 (32)	.24 (6)	.39 (10)	.79 (20)
CD16MR-FE	CD16DR-FE	.16 - .31 (4 - 8)	M16 x 1.5	.63 (16)	1.14 (29)	.24 (6)	.39 (10)	.67 (17) / .75 (19)
CD20MA-FE	CD20DA-FE	.39 - .55 (10 - 14)	M20 x 1.5	.79 (20)	1.30 (33)	.24 (6)	.39 (10)	.94 (24)
CD20MR-FE	CD20DR-FE	.24 - .47 (6 - 12)	M20 x 1.5	.79 (20)	1.28 (32.5)	.24 (6)	.39 (10)	.87 (22)
CD25MA-FE	CD25DA-FE	.51 - .71 (13 - 18)	M25 x 1.5	.98 (25)	1.54 (39)	.28 (7)	.47 (12)	1.18 (30)
CD32MA-FE	CD32DA-FE	.71 - .98 (18 - 25)	M32 x 1.5	1.26 (32)	1.77 (45)	.31 (8)	.47 (12)	1.57 (40)
CD40MA-FE	CD40DA-FE	.87 - 1.26 (22 - 32)	M40 x 1.5	1.57 (40)	2.01 (51)	.31 (8)	.59 (15)	1.97 (50)
CD50MA-FE	-	1.26 - 1.50 (32 - 38)	M50 x 1.5	1.97 (50)	2.24 (57.5)	.35 (9)	-	2.24 (57)
CD63MA-FE	-	1.46 - 1.73 (37 - 44)	M63 x 1.5	2.48 (63)	2.05 (52)	.39 (10)	-	2.52 (64) / 2.68 (68)

Feed-Through products are Quick, Reliable & Labor saving!



Partial Jacket Stripping

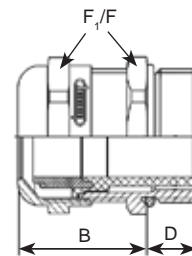


Total Jacket Removal



Fold Shield Over Jacket

Also available with the following approvals:



Optional Locking Nuts, O-Rings & Other Accessories starting at page 28.



Suggested Clearance Hole for Non-Threaded Mounting



Use our recommended EMI Locking Nuts with cutting edges which will cut through paint to ensure proper grounding. (see page 29)





For Material Specifications please refer to page 45.

Nickel Plated Brass Liquid Tight Strain Relief Fittings



Multi-Hole - PG Threads



RoHS Deca BDE

Part Numbers		Thread Type & Size	Dimensions in Inches (mm)				
Dome Fittings	Flex Fittings		No. of Holes	Diameter of Holes		Part Numbers of Inserts only	
		See page 49 for thread specs			mm		Inches
CD07AP-BR	CF07AP-BR		PG 7 / 1/4" NPT	Solid Insert		1.089.0799.19	
CD09A1-BR	CF09A1-BR	PG 9	4	1.4	.06	1.089.0900.19	
CD09A2-BR	CF09A2-BR		2	3.0	.12	1.089.0901.19	
CD09A3-BR	CF09A3-BR		5	1.6	.06	1.089.0902.19	
CD09A4-BR	CF09A4-BR		2	1.7	.07	1.089.0903.19	
CD09A5-BR	CF09A5-BR		10	1.4	.06	1.089.0904.19	
CD09A6-BR	CF09A6-BR		6	1.4	.06	1.089.0905.19	
CD09A7-BR	CF09A7-BR		3	1.7	.07	1.089.0906.19	
CD09A8-BR	CF09A8-BR		4	1.7	.07	1.089.0907.19	
CD09A9-BR	CF09A9-BR		4	2.3	.09	1.089.0908.19	
CD09AP-BR	CF09AP-BR		Solid Insert		1.089.0999.19		
CD11A1-BR	CF11A1-BR		PG 11	2	3.0	.12	1.089.1100.19
CD11A2-BR	CF11A2-BR			3	3.0	.12	1.089.1101.19
CD11A3-BR	CF11A3-BR	2		4.0	.16	1.089.1102.19	
CD11A4-BR	CF11A4-BR	3		1.5	.06	1.089.1103.19	
CD11A5-BR	CF11A5-BR	4		2.8	.11	1.089.1104.19	
CD11AP-BR	CF11AP-BR	Solid Insert		1.089.1199.19			
CD13A1-BR	CF13A1-BR	PG 13	3	2.0	.08	1.089.1300.19	
CD13A2-BR	CF13A2-BR		6	3.0	.12	1.089.1301.19	
CD13A3-BR	CF13A3-BR		3	4.0	.16	1.089.1302.19	
CD13A4-BR	CF13A4-BR		2	5.0	.20	1.089.1303.19	
CD13A5-BR	CF13A5-BR		3	3.0	.12	1.089.1304.19	
CD13A6-BR	CF13A6-BR		2	5.2	.20	1.089.1305.19	
CD13A7-BR	CF13A7-BR		2	3.8	.15	1.089.1306.19	
CD13A8-BR	CF13A8-BR		2	4.2	.17	1.089.1307.19	
CD13A9-BR	CF13A9-BR		2	2.5	.10	1.089.1308.19	
CD13AP-BR	CF13AP-BR		Solid Insert		1.089.1399.19		
CD16A1-BR	CF16A1-BR	PG 16	3	3.0	.12	1.089.1600.19	
CD16A2-BR	CF16A2-BR		3	4.0	.16	1.089.1601.19	
CD16A3-BR	CF16A3-BR		4	4.0	.16	1.089.1602.19	
CD16A4-BR	CF16A4-BR		5	4.0	.16	1.089.1603.19	
CD16A5-BR	CF16A5-BR		6	4.0	.16	1.089.1604.19	
CD16A6-BR	CF16A6-BR		2	6.0	.24	1.089.1605.19	
CD16A7-BR	CF16A7-BR		3	5.6	.22	1.089.1606.19	
CD16A8-BR	CF16A8-BR		6	3.0	.12	1.089.1607.19	
CD16A9-BR	CF16A9-BR		4	3.0	.12	1.089.1610.19*	
CD16A0-BR	CF16A0-BR		6	3.8	.15	1.089.1609.19	
CD16AP-BR	CF16AP-BR		Solid Insert		1.089.1699.19		

*Note: This Insert has slotted holes.

Part Numbers		Thread Type & Size	Dimensions in Inches (mm)				
Dome Fittings	Flex Fittings		No. of Holes	Diameter of Holes		Part Numbers of Inserts only	
		See page 49 for thread specs			mm		Inches
CD21A1-BR	CF21A1-BR		PG 21	4	6.0	.24	1.089.2100.19
CD21A2-BR	CF21A2-BR	3		7.0	.28	1.089.2101.19	
CD21A3-BR	CF21A3-BR	2		8.0	.31	1.089.2102.19	
CD21A4-BR	CF21A4-BR	4		5.0	.20	1.089.2103.19	
CD21A5-BR	CF21A5-BR	1		8.0	.31	1.089.2104.19	
CD21A6-BR	CF21A6-BR	4		5.2	.20	1.089.2105.19	
CD21A7-BR	CF21A7-BR	3		5.2	.20	1.089.2106.19	
CD21A8-BR	CF21A8-BR	4/1		5.2/3.7	.20/.15	1.089.2107.19	
CD21A9-BR	CF21A9-BR	2		7.4	.29	1.089.2108.19	
CD21AP-BR	CF21AP-BR	Solid Insert		1.089.2199.19			
CD29A1-BR	-	PG 29		6	6.5	.26	1.089.2900.19
CD29A2-BR	-			4	9.0	.35	1.089.2901.19
CD29A3-BR	-		4	9.5	.37	1.089.2902.19	
CD29AP-BR	-		Solid Insert		1.089.2999.19		
CD36A1-BR	-	PG 36	5	9.0	.35	1.089.3600.19	
CD36A2-BR	-		7	9.0	.35	1.089.3601.19	
CD36A3-BR	-		6	8.0	.31	1.089.3602.19	
CD36A4-BR	-		2	15.0	.59	1.089.3603.19	
CD36AP-BR	-		Solid Insert		1.089.3699.19		
CD42A1-BR	-	PG 42	3	14.0	.55	1.089.4203.19	
CD42AP-BR	-		Solid Insert		1.089.4299.19		
CD48A1-BR	-	PG 48	8	10.0	.39	1.089.4800.19	
CD48A2-BR	-		6	12.0	.47	1.089.4801.19	
CD48A3-BR	-		3	18.0	.71	1.089.4802.19	
CD48AP-BR	-		Solid Insert		1.089.4899.19		

For specifications and dimensions see page 14 where the appropriate Fittings are listed.



Dome Fittings also available with the following approvals:



Silicone



Viton®



Optional Locking Nuts & Other Accessories starting at page 28.



Part Numbers		Thread Type & Size	Dimensions in Inches (mm)			
Dome Fittings	Flex Fittings		No. of Holes	Diameter of Holes		Part Numbers of Inserts only
		See page 49 for thread specs		mm	Inches	
CD07AP-BR	CF07AP-BR		PG 7 / 1/4" NPT	Solid Insert		1.089.0799.19
CD09N1-BR	CF09N1-BR	3/8" NPT	4	1.4	.06	1.089.0900.19
CD09N2-BR	CF09N2-BR		2	3.0	.12	1.089.0901.19
CD09N3-BR	CF09N3-BR		5	1.6	.06	1.089.0902.19
CD09N4-BR	CF09N4-BR		2	1.7	.07	1.089.0903.19
CD09N5-BR	CF09N5-BR		10	1.4	.06	1.089.0904.19
CD09N6-BR	CF09N6-BR		6	1.4	.06	1.089.0905.19
CD09N7-BR	CF09N7-BR		3	1.7	.07	1.089.0906.19
CD09N8-BR	CF09N8-BR		4	1.7	.07	1.089.0907.19
CD09N9-BR	CF09N9-BR		4	2.3	.09	1.089.0908.19
CD09NP-BR	CF09NP-BR		Solid Insert		1.089.0999.19	
CD13N1-BR	CF13N1-BR	1/2" NPT	3	2.0	.08	1.089.1300.19
CD13N2-BR	CF13N2-BR		6	3.0	.12	1.089.1301.19
CD13N3-BR	CF13N3-BR		3	4.0	.16	1.089.1302.19
CD13N4-BR	CF13N4-BR		2	5.0	.20	1.089.1303.19
CD13N5-BR	CF13N5-BR		3	3.0	.12	1.089.1304.19
CD13N6-BR	CF13N6-BR		2	5.2	.20	1.089.1305.19
CD13N7-BR	CF13N7-BR		2	3.8	.15	1.089.1306.19
CD13N8-BR	CF13N8-BR		2	4.2	.17	1.089.1307.19
CD13N9-BR	CF13N9-BR		2	2.5	.10	1.089.1308.19
CD13NP-BR	CF13NP-BR		Solid Insert		1.089.1399.19	
CD16N1-BR	CF16N1-BR	1/2" NPT (Enlarged)	3	3.0	.12	1.089.1600.19
CD16N2-BR	CF16N2-BR		3	4.0	.16	1.089.1601.19
CD16N3-BR	CF16N3-BR		4	4.0	.16	1.089.1602.19
CD16N4-BR	CF16N4-BR		5	4.0	.16	1.089.1603.19
CD16N5-BR	CF16N5-BR		6	4.0	.16	1.089.1604.19
CD16N6-BR	CF16N6-BR		2	6.0	.24	1.089.1605.19
CD16N7-BR	CF16N7-BR		3	5.6	.22	1.089.1606.19
CD16N8-BR	CF16N8-BR		6	3.0	.12	1.089.1607.19
CD16N9-BR	CF16N9-BR		4	3.0	.12	1.089.1610.19*
CD16N0-BR	CF16N0-BR		6	3.8	.15	1.089.1609.19
CD16NP-BR	CF16NP-BR	Solid Insert		1.089.1699.19		

*Note: This Insert has slotted holes.

Part Numbers		Thread Type & Size	Dimensions in Inches (mm)			
Dome Fittings	Flex Fittings		No. of Holes	Diameter of Holes		Part Numbers of Inserts only
		See page 49 for thread specs		mm	Inches	
CD21N1-BR	CF21N1-BR		3/4" NPT	4	6.0	.24
CD21N2-BR	CF21N2-BR	3		7.0	.28	1.089.2101.19
CD21N3-BR	CF21N3-BR	2		8.0	.31	1.089.2102.19
CD21N4-BR	CF21N4-BR	4		5.0	.20	1.089.2103.19
CD21N5-BR	CF21N5-BR	1		8.0	.31	1.089.2104.19
CD21N6-BR	CF21N6-BR	4		5.2	.20	1.089.2105.19
CD21N7-BR	CF21N7-BR	3		5.2	.20	1.089.2106.19
CD21N8-BR	CF21N8-BR	4/1		5.2/3.7	.20/.15	1.089.2107.19
CD21N9-BR	CF21N9-BR	2		7.4	.29	1.089.2108.19
CD21NP-BR	CF21NP-BR	Solid Insert		1.089.2199.19		
CD29N1-BR	-	1" NPT	6	6.5	.26	1.089.2900.19
CD29N2-BR	-		4	9.0	.35	1.089.2901.19
CD29N3-BR	-		4	9.5	.37	1.089.2902.19
CD29NP-BR	-		Solid Insert		1.089.2999.19	

For specifications and dimensions see page 14 where the appropriate Fittings are listed.



Optional Locking Nuts & Other Accessories starting at page 28.

Multi-Hole Inserts are available in Silicone and Viton® on request. Viton® is a federally registered trademark of DuPont Dow Elastomer.



Dome Fittings also available with the following approvals:



Custom Solutions!

Any special insert hole or profile configuration is available for a 1-time set-up fee & a minimum order of 1,000 pieces. For small quantities we suggest drilling or machining the inserts yourself, following these guidelines:

- We suggest drilling the frozen solid Insert.
- Drill holes by using a standard high-speed steel drill bit of the proper size at approx. 2500 RPM.
- Drill holes with insert installed in Strain Relief Fitting as a fixture.
- Keep a distance of min. 1 mm (.04 in) between holes.
- The outside holes can be located right against the lip of the strain relief body, as sufficient insert material remains between the hole and the body wall due to the design of the cord grip.

Important:

Design Parameters: Cable diameter should not be less than 80% of hole diameter and the difference between hole and cable diameter should never exceed .04" (1 mm). The Multi Cable fittings will meet NEMA 4x = IP65 if the design parameters are complied with.

To verify a submersible NEMA 6= IP68 application, the final assembly of cables and fittings must be tested by the customer or submitted at the customer's expense to an independent test lab.

Nickel Plated Brass Liquid Tight Strain Relief Fittings

Multi-Hole - Metric Threads

RoHS Deca BDE



Nylon Strain Relief
Nickel Plated Brass
Steel
PVDF / Steel
Accessories
Adapter, Reducer, Enlarger
Conduit System
Technical Information
Other Products / Index

Part Numbers		Thread Type & Size	Dimensions in Inches (mm)				
Dome Fittings	Flex Fittings		No. of Holes	Diameter of Holes		Part Numbers of Inserts only	
		See page 49 for thread specs		mm	Inches		
CD12MP-BR	CF12MP-BR		M12 x 1.5	Solid Insert		1.089.0799.19	
CD16M1-BR	CF16M1-BR	M16 x 1.5	4	1.4	.06	1.089.0900.19	
CD16M2-BR	CF16M2-BR		2	3.0	.12	1.089.0901.19	
CD16M3-BR	CF16M3-BR		5	1.6	.06	1.089.0902.19	
CD16M4-BR	CF16M4-BR		2	1.7	.07	1.089.0903.19	
CD16M5-BR	CF16M5-BR		10	1.4	.06	1.089.0904.19	
CD16M6-BR	CF16M6-BR		6	1.4	.06	1.089.0905.19	
CD16M7-BR	CF16M7-BR		3	1.7	.07	1.089.0906.19	
CD16M8-BR	CF16M8-BR		4	1.7	.07	1.089.0907.19	
CD16M9-BR	CF16M9-BR		4	2.3	.09	1.089.0908.19	
CD16MP-BR	CF16MP-BR		Solid Insert		1.089.0999.19		
CD17M1-BR	CF17M1-BR		M16 x 1.5 (Enlarged)	2	3.0	.12	1.089.1100.19
CD17M2-BR	CF17M2-BR			3	3.0	.12	1.089.1101.19
CD17M3-BR	CF17M3-BR	2		4.0	.16	1.089.1102.19	
CD17M4-BR	CF17M4-BR	3		1.5	.06	1.089.1103.19	
CD17M5-BR	CF17M5-BR	4		2.8	.11	1.089.1104.19	
CD17MP-BR	CF17MP-BR	Solid Insert		1.089.1199.19			
CD20M1-BR	CF20M1-BR	M20 x 1.5	3	2.0	.08	1.089.1300.19	
CD20M2-BR	CF20M2-BR		6	3.0	.12	1.089.1301.19	
CD20M3-BR	CF20M3-BR		3	4.0	.16	1.089.1302.19	
CD20M4-BR	CF20M4-BR		2	5.0	.20	1.089.1303.19	
CD20M5-BR	CF20M5-BR		3	3.0	.12	1.089.1304.19	
CD20M6-BR	CF20M6-BR		2	5.2	.20	1.089.1305.19	
CD20M7-BR	CF20M7-BR		2	3.8	.15	1.089.1306.19	
CD20M8-BR	CF20M8-BR		2	4.2	.17	1.089.1307.19	
CD20M9-BR	CF20M9-BR		2	2.5	.10	1.089.1308.19	
CD20MP-BR	CF20MP-BR		Solid Insert		1.089.1399.19		
CD22M1-BR	CF22M1-BR	M20 x 1.5 (Enlarged)	3	3.0	.12	1.089.1600.19	
CD22M2-BR	CF22M2-BR		3	4.0	.16	1.089.1601.19	
CD22M3-BR	CF22M3-BR		4	4.0	.16	1.089.1602.19	
CD22M4-BR	CF22M4-BR		5	4.0	.16	1.089.1603.19	
CD22M5-BR	CF22M5-BR		6	4.0	.16	1.089.1604.19	
CD22M6-BR	CF22M6-BR		2	6.0	.24	1.089.1605.19	
CD22M7-BR	CF22M7-BR		3	5.6	.22	1.089.1606.19	
CD22M8-BR	CF22M8-BR		6	3.0	.12	1.089.1607.19	
CD22M9-BR	CF22M9-BR		4	3.0	.12	1.089.1610.19*	
CD22M0-BR	CF22M0-BR		6	3.8	.15	1.089.1609.19	
CD22MP-BR	CF22MP-BR	Solid Insert		1.089.1699.19			

*Note: This Insert has slotted holes.

Part Numbers		Thread Type & Size	Dimensions in Inches (mm)				
Dome Fittings	Flex Fittings		No. of Holes	Diameter of Holes		Part Numbers of Inserts only	
		See page 49 for thread specs		mm	Inches		
CD25M1-BR	CF25M1-BR		M25 x 1.5	4	6.0	.24	1.089.2100.19
CD25M2-BR	CF25M2-BR	3		7.0	.28	1.089.2101.19	
CD25M3-BR	CF25M3-BR	2		8.0	.31	1.089.2102.19	
CD25M4-BR	CF25M4-BR	4		5.0	.20	1.089.2103.19	
CD25M5-BR	CF25M5-BR	1		8.0	.31	1.089.2104.19	
CD25M6-BR	CF25M6-BR	4		5.2	.20	1.089.2105.19	
CD25M7-BR	CF25M7-BR	3		5.2	.20	1.089.2106.19	
CD25M8-BR	CF25M8-BR	4/1		5.2/3.7	.20/.15	1.089.2107.19	
CD25M9-BR	CF25M9-BR	2		7.4	.29	1.089.2108.19	
CD25MP-BR	CF25MP-BR	Solid Insert		1.089.2199.19			
CD32M1-BR	-	M32 x 1.5		6	6.5	.26	1.089.2900.19
CD32M2-BR	-			4	9.0	.35	1.089.2901.19
CD32M3-BR	-		4	9.5	.37	1.089.2902.19	
CD32MP-BR	-		Solid Insert		1.089.2999.19		
CD40M1-BR	-	M40 x 1.5	5	9.0	.35	1.089.3600.19	
CD40M2-BR	-		7	9.0	.35	1.089.3601.19	
CD40M3-BR	-		6	8.0	.31	1.089.3602.19	
CD40M4-BR	-		2	15.0	.59	1.089.3603.19	
CD40MP-BR	-	Solid Insert		1.089.3699.19			
CD50M1-BR	-	M50 x 1.5	3	14.0	.55	1.089.4203.19	
CD50MP-BR	-		Solid Insert		1.089.4299.19		
CD63M1-BR	-	M63 x 1.5	8	10.0	.39	1.089.4800.19	
CD63M2-BR	-		6	12.0	.47	1.089.4801.19	
CD63M3-BR	-		3	18.0	.71	1.089.4802.19	
CD63MP-BR	-		Solid Insert		1.089.4899.19		

For specifications and dimensions see page 14 where the appropriate Fittings are listed.



Optional Locking Nuts & Other Accessories starting at page 28.

Dome Fittings also available with the following approvals:



How to feed a cable assembly with plug through a strain relief fitting:

1. Determine largest dimension of the plug.
2. Choose Strain Relief with appropriate Dome opening (see table on page 48).
3. Drill solid insert to exact cable diameter & slice insert on one side only.
4. Assemble by feeding Connector first through dome nut and Strain Relief body, snap insert over cable and insert into body, tighten dome nut. Done.
5. This applies to PG, NPT or Metric solutions.

For Material Specifications please refer to page 45.