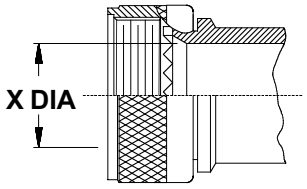
Style 1/ Style 2 Conduit Fittings

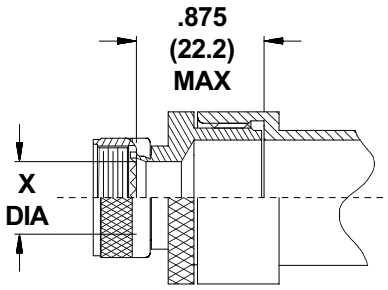
To provide an optimized termination between all series of conduit and the connector it is necessary to select either style 1 or style 2 fitting configuration as illustrated.

Style 1 applies to wire bundle or cable diameters which are smaller than the X-diameters listed for each connector designation and shell size on Page F-16. When the wire bundle or cable diameter exceeds the listed X-diameter, then style 2 is desired, since it is necessary to move the conduit fitting away from the connector for contact termination.

Style 2 configuration also may be desirable to provide fitting increased working room inside the conduit fitting to accommodate conductor cross-overs, splices, ground leads, etc., and should be considered when selecting the conduit fitting part number.



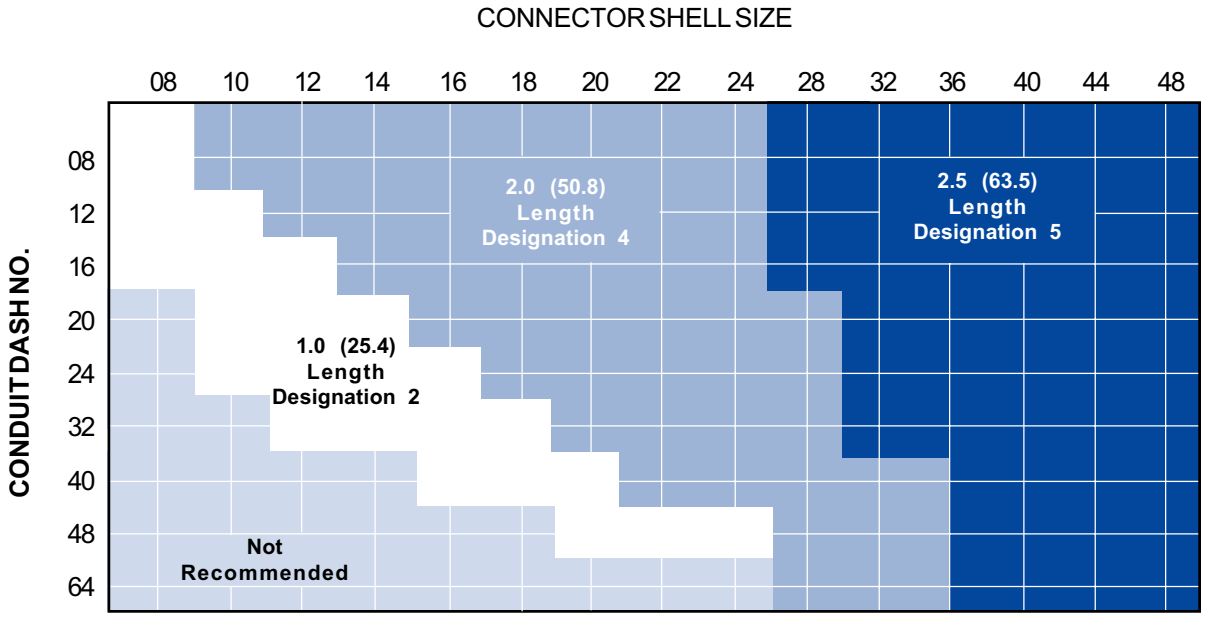
STYLE 1



STYLE 2

Standard Minimum Lengths

The following chart defines the standard minimum lengths for straight conduit fittings, 713*S100 through 713*S103. These recommended minimum lengths have been established to provide adequate working room behind the connector for the shell size and conduit dash number combinations listed. These lengths also provide sufficient clearance for wire routing when using small size conduit with large size connectors.



Glenair®

Conduit Fitting Style Selection Guide

Maximum Cable/Wire Bundle Diameter for Style 1 Conduit Fitting

SHELL SIZE	X DIAMETER CONNECTOR DESIGNATOR A	D	E	F	G
03	.295 (7.5)				
08	.295 (7.5)	.300 (7.6)	.350 (8.9)	.299 (7.6)	
10	.400 (10.2)	.405 (10.3)	.443 (11.3)	.427 (10.8)	
11					.367 (9.3)
12	.536 (13.6)	.550 (14.0)	.595 (15.1)	.541 (13.7)	
13					.502 (12.8)
14	.610 (15.5)	.635 (16.1)	.693 (17.6)	.641 (16.3)	
15					.647 (16.4)
16	.735 (18.7)	.795 (20.2)	.786 (20.0)	.766 (19.5)	
17					.744 (18.9)
18	.814 (20.7)	.875 (22.2)	.923 (23.4)	.855 (21.7)	
19					.876 (22.3)
20	.939 (23.9)	1.005 (25.5)	1.051 (26.7)	.980 (24.9)	
22	1.064 (27.0)	1.120 (28.4)	1.176 (29.9)	1.165 (29.6)	
23					1.073 (27.3)
24	1.179 (29.9)	1.180 (30.0)	1.301 (33.0)	1.230 (31.2)	
25					1.205 (30.6)
28	1.414 (35.9)				
29					1.442 (36.6)
32	1.660 (42.2)				
33					1.640 (41.7)
36	1.875 (47.6)				
40	2.090 (53.1)				
44	2.345 (59.6)				
48	2.595 (65.9)				
61	1.219 (31.0)				

SHELL SIZE	X DIAMETER CONNECTOR DESIGNATOR H	J	K	L	S
08		.446 (11.3)	.320 (8.1)	.299 (7.6)	.312 (7.9)
09	.299 (7.6)				
10		.571 (14.5)	.30 (7.6)	.427 (10.8)	.429 (10.9)
11	.427 (10.8)		.38 (9.7)		
12			.40 (10.2)	.541 (13.7)	.554 (14.1)
13	.541 (13.7)		.40 (10.2)		
14		.821 (20.9)	.48 (12.2)	.641 (16.3)	.668 (17.0)
15	.641 (16.3)		.48 (12.2)		
16		.946 (24.0)	.60 (15.2)	.766 (19.5)	.793 (20.1)
17	.766 (19.5)		.60 (15.2)		
18		1.071 (27.2)	.72 (18.3)	.885 (22.5)	.888 (22.6)
19	.885 (22.5)				
20		1.196 (30.4)	.86 (21.8)	.980 (24.9)	1.025 (26.0)
21	.980 (24.9)				
22		1.321 (33.6)	.97 (24.6)	1.165 (29.6)	1.150 (29.2)
23	1.165 (29.6)				
24		1.446 (36.7)	1.08 (27.4)	1.230 (31.2)	1.275 (32.4)
25	1.230 (31.2)				
28			1.24 (31.5)		
32			1.51 (38.4)		
36			1.75 (44.5)		
40			1.86 (47.2)		

DASH NO.	X DIAMETER CONN. DESIGN. B
01	.358 (9.1)
02	.358 (9.1)
03	.312 (7.9)
04	.358 (9.1)
05	.437 (11.1)
06	.437 (11.1)
07	.483 (12.3)
08	.483 (12.3)
09	.483 (12.3)
10	.531 (13.5)
11	.531 (13.5)
12	.531 (13.5)
13	.531 (13.5)
14	.656 (16.7)
15	.781 (19.8)
16	.966 (24.5)
17	1.031 (26.2)
18	1.031 (26.2)
19	1.031 (26.2)
20	1.156 (29.4)
21	1.320 (33.5)
22	1.531 (38.9)
23	1.781 (45.2)
24	1.781 (45.2)
25	1.781 (45.2)
26	1.900 (48.3)
27	1.900 (48.3)
28	1.968 (50.0)
29	1.968 (50.0)
30	1.968 (50.0)
31	2.218 (56.3)
32	2.218 (56.3)
33	2.218 (56.3)
34	2.531 (64.3)
35	2.781 (70.6)
36	2.781 (70.6)
37	2.656 (67.5)