

NGCON MIL-PRF-64266/1 Type
 180-118 (H7) Wall Mount Receptacle Connector

NAVSEA / Underwater Fiber Optics



MATERIAL AND FINISH

- Insert: Al Alloy/Anodize, or High Grade Engineering Plastic - mfr's option
- Peripheral Seal: Fluorosilicone/Silicone Blend
- Alignment sleeves: Zirconia ceramic
- Misc. Hardware: Stainless Steel/Passivate

NOTES

- Alignment Sleeve Retainer (ASR) is supplied standard with insert type "S" only. One ASR is required for each mated pair of connectors.
- Connectors with keyed terminus cavities are intended for use with keyed termini for singlemode APC. Otherwise use standard non-keyed connector cavities and termini.

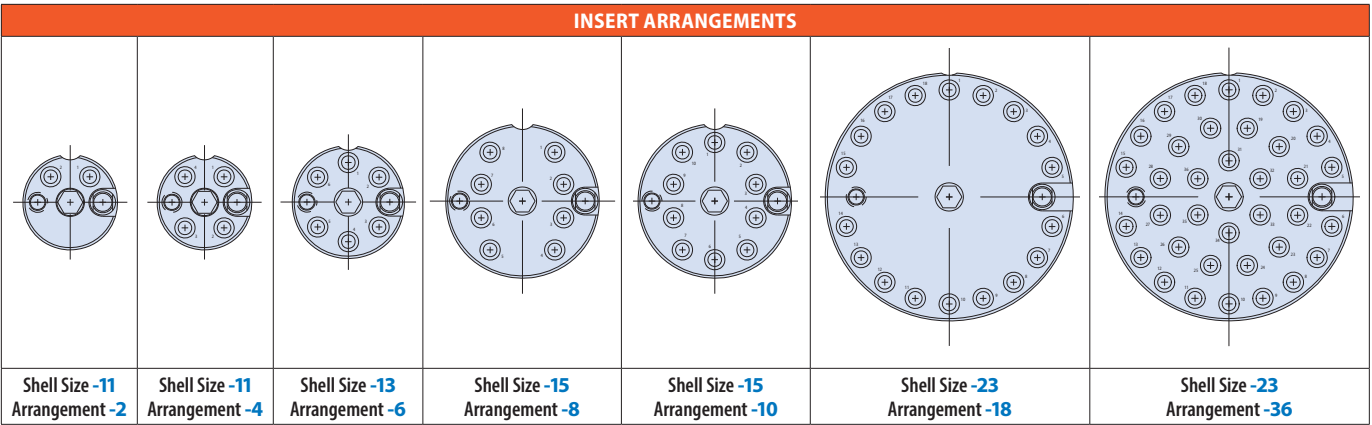
MATERIAL AND FINISH		
Code	Material	Description
ME	Aluminum Alloy	Electroless Nickel
MT		Nickel-PTFE, Grey
ZN		Zinc-Nickel, Olive Drab
ZR		Zinc-Nickel, Black
GB4		Hard Anodize, Black with PTFE
NF		Cadmium, Olive Drab
TZ	Stainless Steel	Tin-Zinc, Bronze-Gold
Z1		Passivate
ZL		Electro-deposited Nickel

HOW TO ORDER								
Sample Part Number	180-118	ZR	H7	-15	-8	K	S	1
Basic Number	NGCON M64266 type connectors							
Material/Finish	See Material and Finish table							
Connector Style	H7 - Wall Mount Receptacle							
Shell Size	See Shell Size / Insert Arrangement and Dimensions table							
Insert Arrangement	See Insert Arrangements table							
Keyed Cavity option	K = Keyed Cavity (APC) in insert Omit for standard round non-keyed cavities							
Insert Type	P = Without ASR (Standard for Plug) S = With ASR (Standard for Receptacle)							
Key Polarization	Omit for Universal (See Keyway Polarizations table)							

SHELL SIZE / INSERT ARRANGEMENT AND DIMENSIONS

Shell Size	Insert Arrangement	H ±.015	K	J Thread	T Thread
-11	-2 or -4	1.023 (25.98)	.750 (19.05)	M15 x 1.0-6g 0.100R	.750-1P-.2L-DS-2A
-13	-6	1.138 (28.91)	.843 (21.41)	M18 x 1.0-6g 0.100R	.875-1P-.2L-DS-2A
-15	-8 or -10	1.258 (31.95)	.968 (24.59)	M22 x 1.0-6g 0.100R	1.062-1P-.2L-DS-2A
-23	-18 or -36	1.718 (43.64)	1.281 (32.54)	M34 x 1.0-6g 0.100R	1.500-1P-.2L-DS-2A

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Receptacle front face shown. ○ = large guide pin ○ = small guide pin

KEYWAY POLARIZATIONS		
Polarization	Shell Size 11 P°	Shell Size 13, 15, 23 P°
1	55°	30°
2	80°	55°
3	105°	80°
4	130°	105°
5	230°	130°
6	255°	155°
7	280°	205°
8	305°	230°
9	-	255°
A	-	280°
B	-	305°
C	-	330°
Universal	Receptacle connector universal keyway polarization contains all polarizations (1-9, A, B, and C)	

