



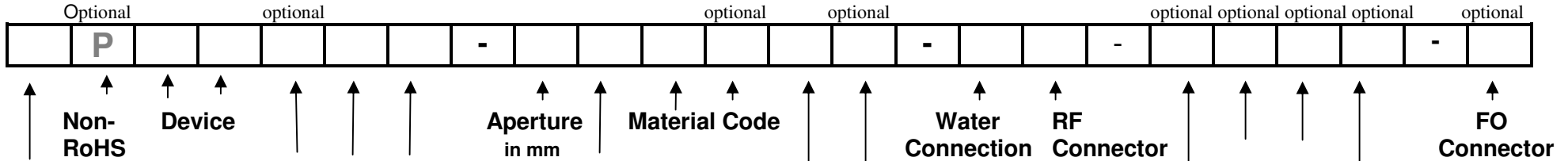
Gooch & Housego

Model Number Designation Guide:

Use the following guide to specify the product that will meet your needs:

Note: Gooch & Housego Products are manufactured to be compliant with the EU Directive 2002/95/EC for RoHS. If Customer Request, the product will be manufactured to other standards. The Prefix "P" Indicates Non- RoHS

AOM, AOBD, AOTF, PCAOM, QSW, FO:



Location **Frequency in MHz** **Acoustic mode Code:** **Wavelength Code** **- Variant -**

C = Compressional
S = Shear

Location Code:
I: Ilminster
M: Melbourne
N: Norderstedt

Device Code:
CD: Cavity Dumper
FS: Frequency Shifter
ML: Mode Locker
TF: Tunable Filter
D: AO Beam Deflectors
M: Modulator
QS: Q-Switch
QD: Integrated Q-Sw / Driver
MS: Bragg Mount
FA: Focusing Assembly Optics / Mount
ZR: Zero order re-combiner

Material Code:
1 PbMoO₄ **10** Crystal Quartz
2 TeO₂ **11** Germanium
3 SF₆ **12** Lithium Niobate
4 Fused Silica **13** F₂
5 SF₁₀ **14** Potassium Ytrium Tungstate
6 SF₅₇ **15** KDP
7 SF₂ **16** Si
8 Amtir-1 **17** GaP
9 SF₈ **18** GLS

Wavelength Code:

| | | | |
|--------------------------|--------------------------------|-------------------------|--------------------------|
| A 442 nm | W 780 nm | BA 250 – 400 nm | BS 1000 – 1500 nm |
| B 488 nm | X 850 nm | BB 300 – 400 nm | BT 1064 – 1300 nm |
| C 532 nm | Y 946 nm | BC 400 – 700 nm | BU 1064 – 1550 nm |
| D 543 nm | Z 1230 nm | BD 450 – 850 nm | BV 1064 – 2100 nm |
| E 633 nm | V1 1342 nm | BE 450 – 950 nm | BW 1300 – 1600 nm |
| F 800 nm | V2 1640 nm | BF 470 – 850 nm | BX 1800 – 2200 nm |
| G 1064 nm | V3 1940 nm | BG 600 – 1200 nm | BY 1800 – 4000 nm |
| H 1319 nm | V4 1990 nm | BH 670 – 900 nm | BZ 1850 – 2500 nm |
| J 1550 nm | V5 2000 nm | BJ 700 – 900 nm | B1 1900 – 2200 nm |
| K 532 / 1064 nm | V6 2022 nm | BK 700 – 1200 nm | B2 2000 – 3000 nm |
| L 1660 nm | V7 2090 nm | BL 725 – 825 nm | B3 2400 – 2600 nm |
| M 2130 nm | V8 2100 nm | BM 800 – 1100 nm | B4 2650 – 2900 nm |
| N 488 - 633 nm | V9 1030 nm | BN 900 – 1500 nm | B5 3000 – 4000 nm |
| P 2.5 μm – 3.5 μm | | BP 900 – 2000 nm | B6 |
| Q 10.6 μm | | BQ 950 – 1700 nm | B7 |
| R Brewster | R1* 244-260nm | BR 950 – 1850 nm | B8 |
| S 930 nm | R2* 300-550nm | | B9 |
| T 355 nm | R3* | | |
| U 244 nm | | | WA 400 / 800 nm |
| V 405 nm | * Brewster - Limited by Design | | WB 355 / 440 nm |

Water Connection Code:
None Air Cooled (No Water Connection)
B: Barbed Push on
F: Festo CN-M-5-PK-4-59
J: Screw on with Jaco nylon nuts
K: KQH 04-M5 SMC Push on
L: Landwehr connector
M: MS-5H-6 SMC
N: 4mm OD Straight Legris 3106 04 00
V: 6mm OD Straight Legris 3106 04 06 was (O)
P: 4mm OD Right Angle Legris 3102 04 00
Q: 6mm OD Right Angle Legris 3102 04 06
R: Right angle
S: Swagelok Screw on
T: Heater / Cooler (TE)
W: 3.2 mm SMC Push in

RF Connector Code:
1: SMB Fm BH
2: SMC Fm BH
3: SMA Fm BH
4: SMA Fm Pig Tail
5: BNC Fm BH
6: Right Angle SMA Fm BH
7: Right Angle BNC Fm BH
8: SMA Male Pig Tail
9: BNC Male Pig Tail
C: BNC Female Pig Tail
 Fm = Female
 BH = Bulk Head

Variant 1 Customer Code and a Number = xxn

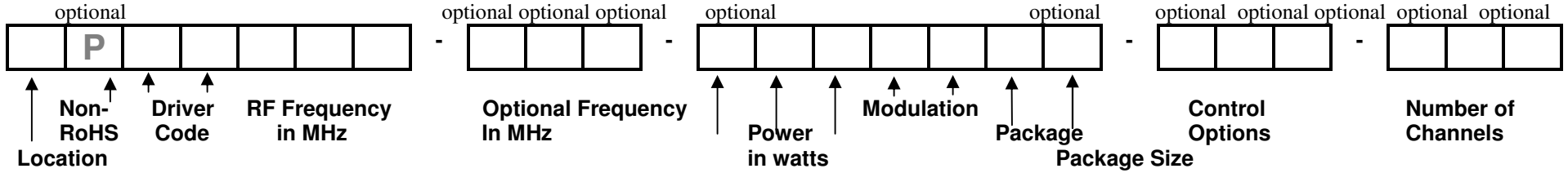
Variant 2 Fiber Coupled = **F** and a number (ports) followed by:
S = Single Mode Fiber **M** = Multi- Mode Fiber
P = Polarization maintaining Fiber **H** = High Power Option

Variant 3 **FA / MS** Focusing Assembly Optics / Bragg Mount
WP = Weather Proof

FO Connector Code:
A: FC/APC
P: FC/PC

AOM, AOD, and Q-Switch Drivers:

Note: The prefix P in the model number Indicates Non - compliance with the EU RoHS Directive.



Location
I: Ilminster
M: Melbourne
N: Nordersted

Driver Code:

- HF:** High Frequency > 300 MHz
- LP:** Low Power < 2 watts to 300 MHz
- HP:** High Power > 2 watts to 300 MHz
- HC:** High Power – Compact (SC)
- QL:** Q-Switch Driver 2 - 24 watts
- QH:** Q-Switch Driver > 25 watts
- QC:** Q-Switch Driver – Compact (SC)
- QX:** Q-Switch Driver - Sub- Compact (1/2 SC)
- QD:** Integrated Q-Switch and Driver
- FD:** Integrated Fiber Coupled and Driver (System)
- SD:** Digital Frequency Synthesizer
- VC:** Voltage Control Oscillator
- PL:** Phased Locked Oscillator
- TC:** Temperature Controlled (Mode Locker Driver)
- TD:** Pulse Timing Control (Cavity Dumper Driver)
- ED:** Electro Optic Driver
- DD:** VSWR Detector
- DS:** Power Splitter
- KA:** Low Noise Amp
- KK:** Combiner
- KC:** Controller
- KT:** Theta
- KE:** Explorer
- CX:** Custom Driver

Modulation:

- D:** TTL Digital
- A:** Analog
- DV:** (Adjustable A1 A2)
- AD:** Analog / Digital
- B:** Binary
- E:** ECL Differential input
- N:** Negative

Package:

- B:** Board
- M:** Air Cooled Module
- C:** Contact Cooled
- F:** Forced Air Cooled
- W:** Water Cooled
- S:** Air Cooled System*
- R:** Water cooled System*

***Package Size:**

- 1 = 1U
- 2 = 2U
- 3 = 3U
- 4 = 4U

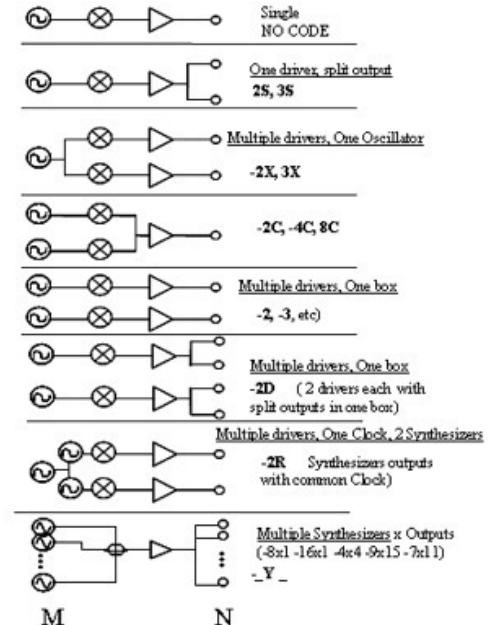
Control Options:

- A1:** Analog 0-1V 50Ω
- A3:** Analog 0-3V 75Ω
- A5:** Analog 0-5V 50Ω
- A56:** Analog 0-5V 600Ω
- A5H:** Analog 0-5V 4.7kΩ -10 KΩ
- A10:** Analog 0-10 V 600Ω
- A13:** Analog 0-13 V
- PPK:** Pre-Pulse Kill
- FPS:** First Pulse Suppression
- R05:** RF Switched to Analog
- A05:** Analog 5V
- PW:** Pulse Width (Triggered)
- RH:** RF High Mode
- UN:** Universal Mode
- D:** Double power generation (a340)

Channels

- 2_
- 3_
- 4_
- 8_
- 9_
- _ = Output Code
- S
- X
- C
- D
- R
- Y

Control Options Settings for MQL, MQH, MQC and MQX (39000)



Gooch & Housego will work with you to meet your needs for custom and OEM AO Devices and Drivers.