

Amphenol

HDM Series

Hermaphroditic Duplex
Miniature



The Hermaphroditic Series includes the Hermaphroditic Duplex Miniature (HDM). This product has been specially designed to facilitate the interconnection of Fibre Optic Cable assemblies, thus eliminating the need for polarising the assemblies and the use of in-line adapters.

- Lightweight, small design, Arctic style grip
- Low loss ceramic $\varnothing 2.5\text{mm}$ PC technology in multimode and singlemode
- Connector and monobloc environmentally sealed
- Fully hermaphroditic wipe clean bayonet mating mechanism
- Fully removable front receptacle shell, for cleaning whilst insitu
- Plug backshell allows for the removal of the ferrule monobloc for ease of cleaning
- Choice of materials and plating
- High tension cable load capability

Visit our Website @
www.amphenol.co.uk

Performance

Optical	
Insertion Loss	Typically 0.3dB using 62.5/125
Repeatability	<0.15dB
Fibre Types	50/125 62.5/125 9/125
Termination Method	Epoxy / Polish

Environmental	
Temperature Range	-55°C / +85°C cable dependant

Mechanical	
Durability	>500 matings
Materials	Shell : Aluminium
	Ferrule : Zirconia
	Alignment Sleeve : Ceramic
	Seals : Fluorosilicone

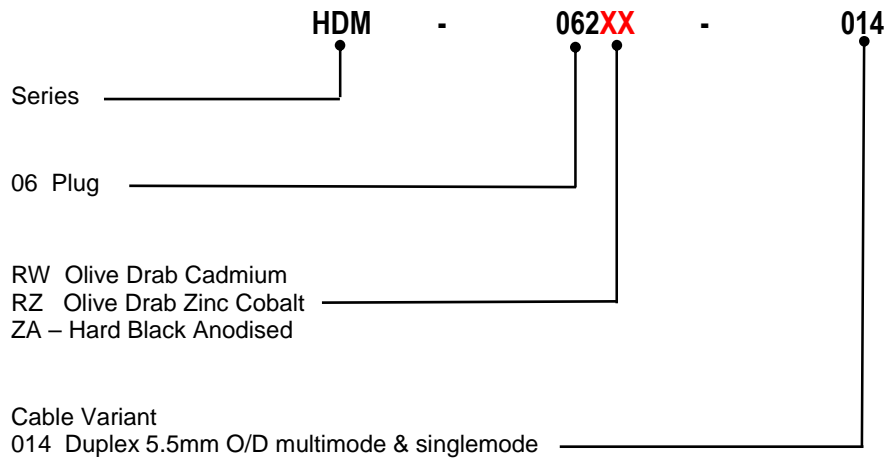
Termination Tooling	
Basic Kit	927 – 100 – 3000
HDM Add On	927 – 100 – 4200
Consumable Pack	927 – 100 – 6000 Approx 50 terminations



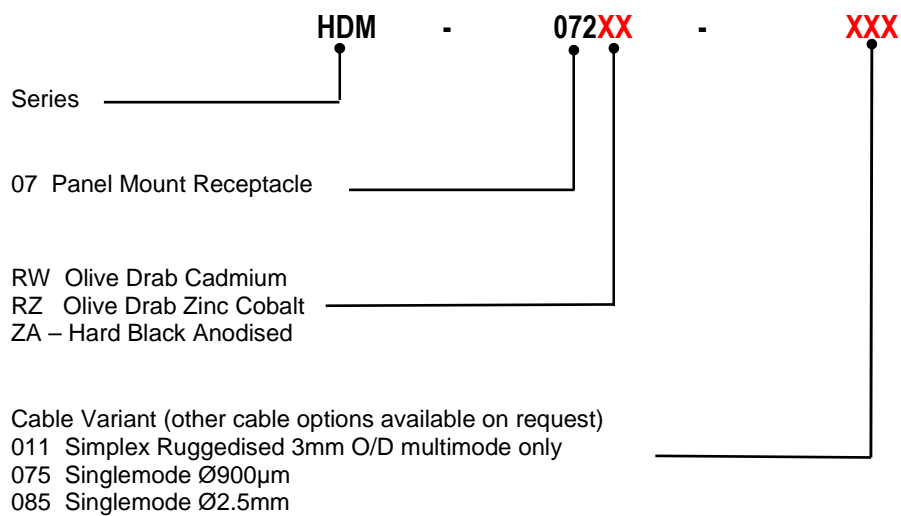
Amphenol

HDM Series – Hermaphroditic Duplex Miniature

Part Number Information – HDM Plug



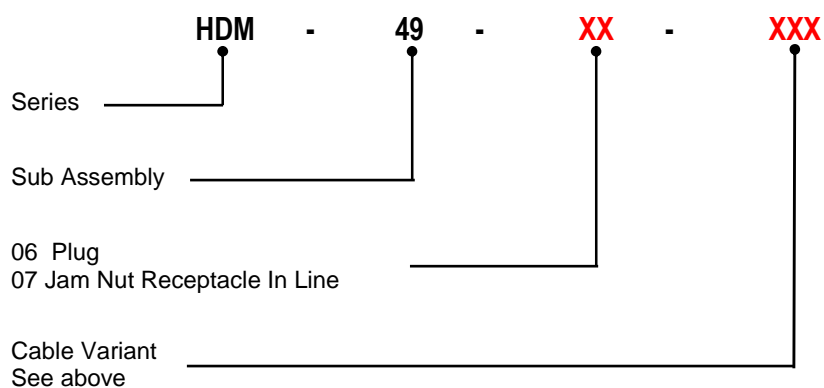
Part Number Information – HDM Jam Nut Receptacle



Multimode = 50/125 & 62.5/125

Singlemode = 9/125

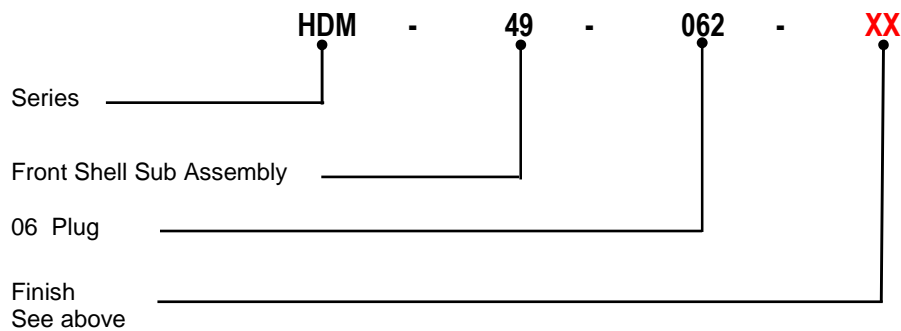
Part Number Information - Sub Assembly



Amphenol

HDM Series – Hermaphroditic Duplex Miniature

Part Number Information - Front Shell Sub Assembly



Part Number Information - Dust Cap

960-990 - Includes Terelene Cord and Crimp ferrule

Notice: Products are sold subject to Amphenol's conditions of sale ("the standard conditions.") All specifications and statements contained herein are believed to be correct at the time of printing but no representation or warranty, express or implied, is given as to any specification or statement contained herein. Product specifications including performance characteristics are typical only and subject to deviation. Specifications are also subject to change without notice. Users should not assume that all safety measures are indicated or that other measures may not be required. No representation or warranty, express or implied, is given that any use of products (including any stated or suggested use) does not infringe any patent, registered design or other third party rights and no stated or suggested use of products can be taken to recommend any such infringement.