

# Amphenol

## HQM

Hermaphroditic Quad  
Multiway



The Hermaphroditic Quad connector has been designed specifically to facilitate the interconnection of fibre optic cable assemblies, thus eliminating the need for polarising the assemblies and the use of in-line adapters. The HQM series utilises ceramic sprung loaded ferrule technology, giving low repeatable optical attenuation.

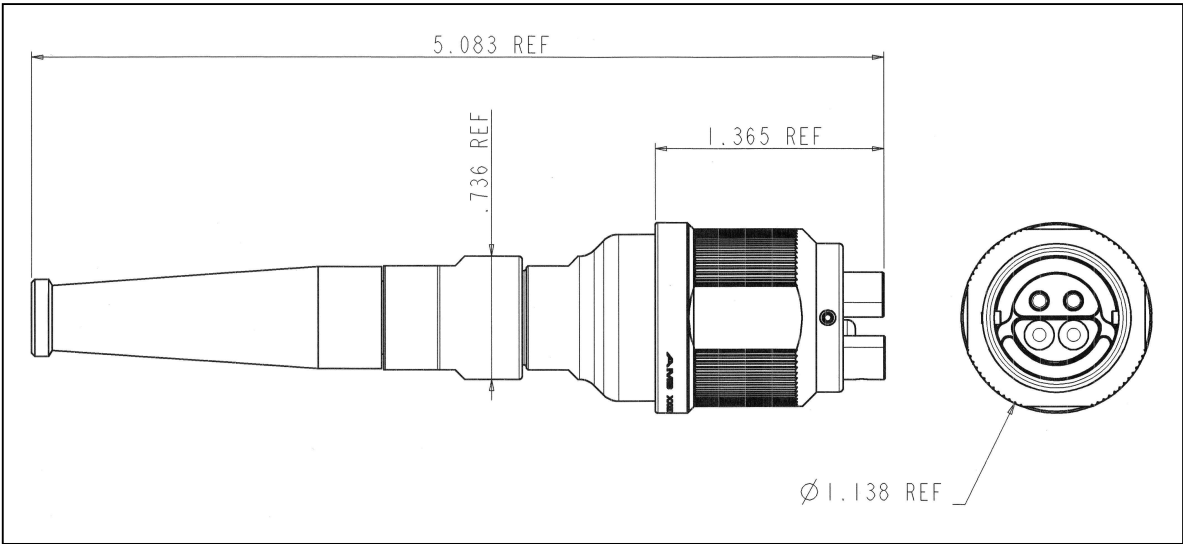
The shell material is Aluminium Zinc Cobalt Olive Drab for Mil Comms applications, and Stainless Steel for oil field and mining applications.

- Fully hermaphroditic wipe clean bayonet mechanism
- Ceramic ferrule FC/PC butt joint technology
- Plug and jam nut receptacle connector styles
- Durability >500 matings
- Plug backshell allows for the removal of the ferrule monobloc for ease of cleaning
- Fully removable front receptacle shell for cleaning without removing the receptacle from the equipment
- In line through bulkhead jam nut receptacle available
- Choice of material and plating finishes

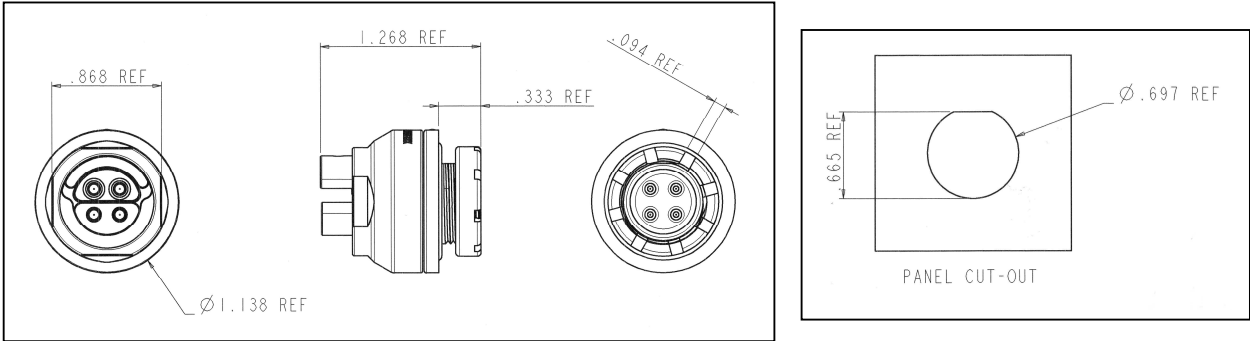
**Amphenol**

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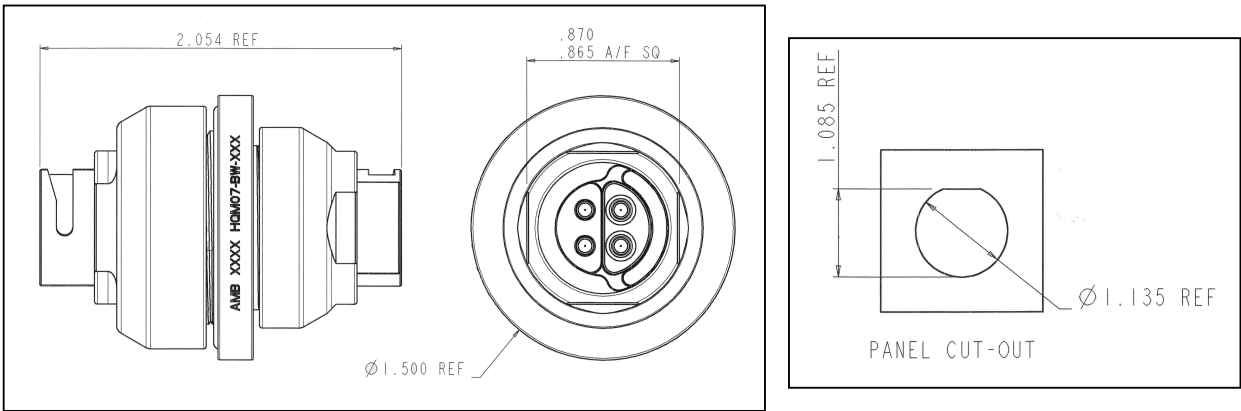
HQM Plug



HQM Jam Nut Receptacle



Adapter – Part No: HQM07-BZ-040



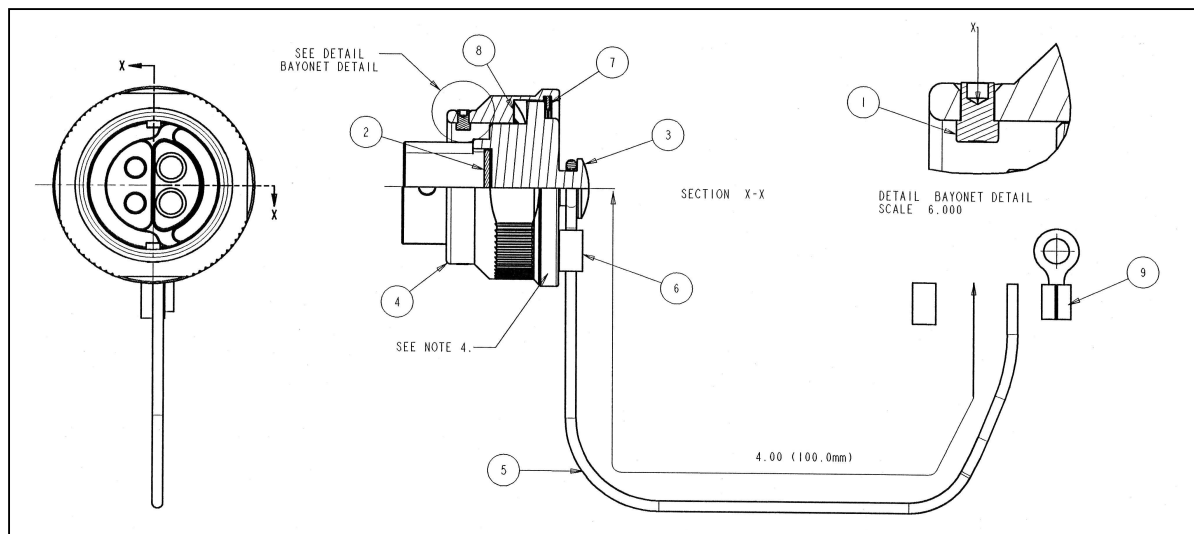
## Performance

Optical		
Attenuation	Typically 0.4dB with 62.5/125 fibre	
Repeatability	< 0.2 dB	
Fibre Types	50/125	62.5/125

Environmental	
Temperature Range	-55°C to +85°C

Mechanical	
Durability	> 500 matings
Materials	Aluminium with Zinc Cobalt Olive Drab finish
	Stainless Steel

## Dust Cap for Plug and Receptacle



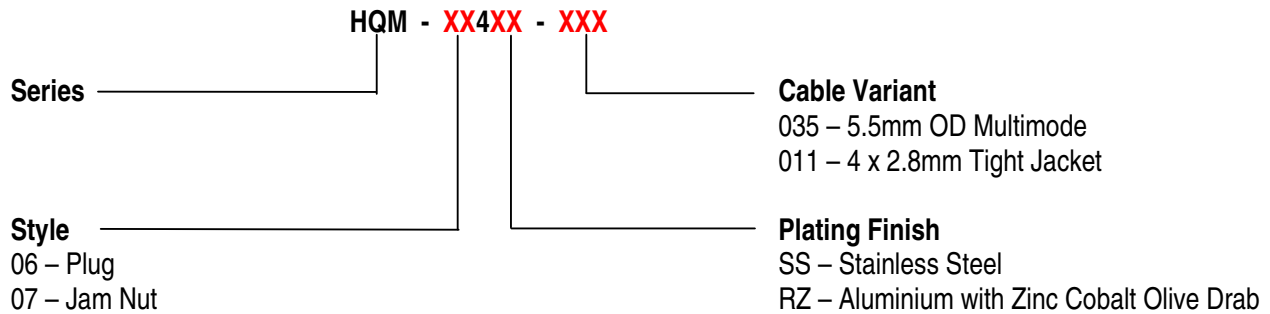
Part No. 960-837-**XX**-100

### **XX** – Plating:

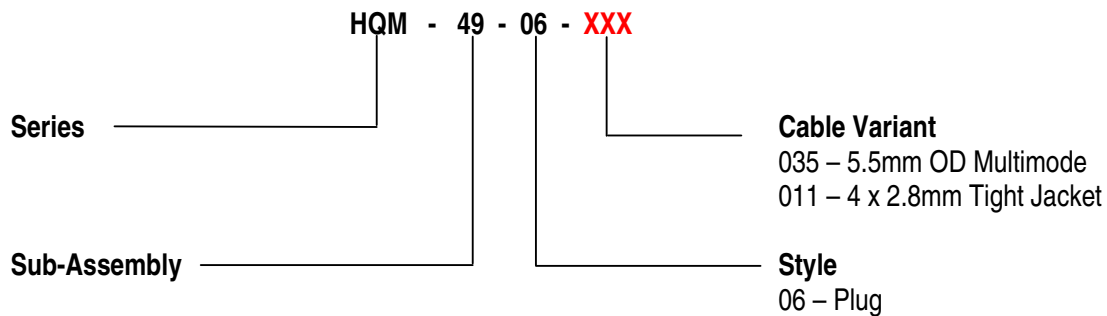
SS – Stainless Steel

RZ – Aluminium with Zinc Cobalt Olive Drab

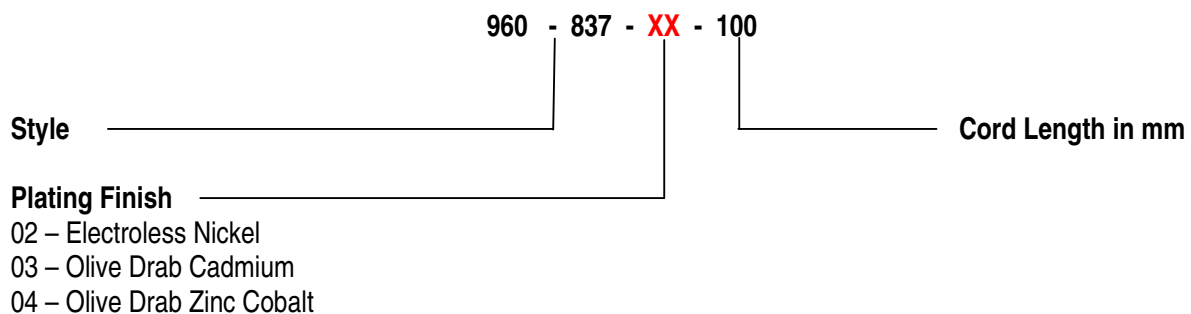
## Part Number Information



## Sub-Assemblies



## Dust Cap



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