

# Amphenol

## MBC

### Multiway Bayonet Connector

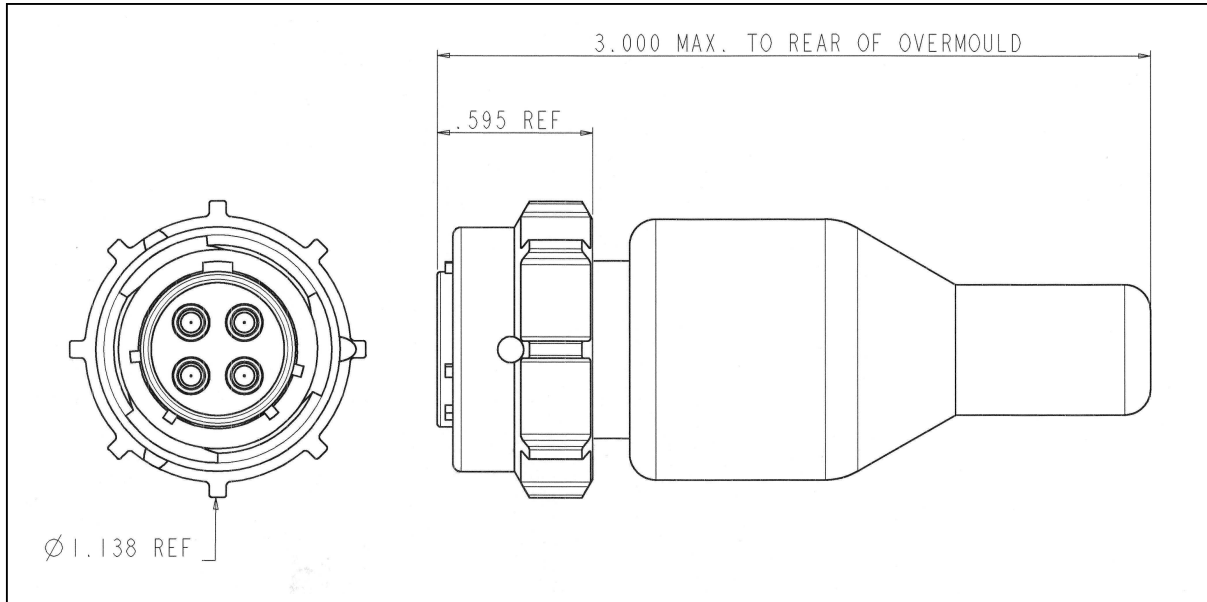


The Multiway Bayonet connector series offers the Pattern 105 size 12, series proven connector construction with the tri-mating bayonet locking mechanism for ease and quick mate/de-mate.

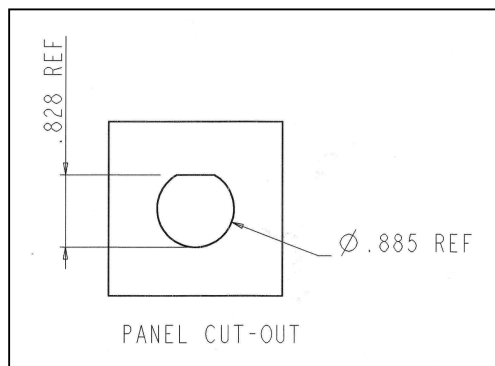
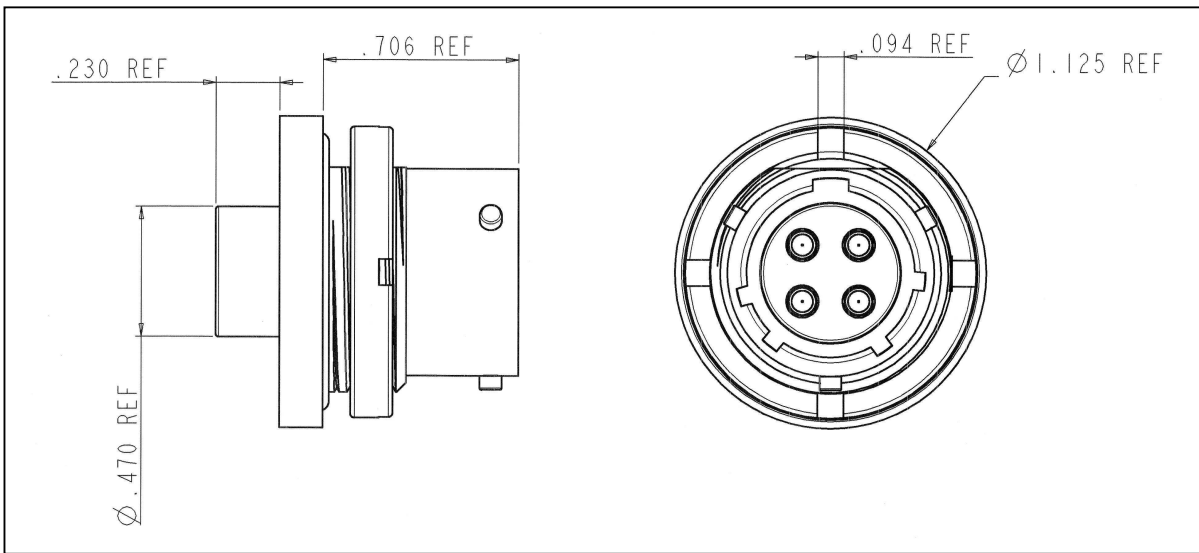
The MBC series is designed for multimode quad cable, using a tight jacket construction. The MBC offers a cost effective, harsh environment product that utilises standard 2.5mm Zirconia PC ferrules and alignment sleeves. The MBC free plug is fully sealed and is overmoulded to the cable jacket. The receptacle is fully sealed to the equipment interface.

- Free plug, jam nut and square flange receptacles, loopback version
- Protective dust caps for all connector styles
- Fully keyed and orientated shells
- Low insertion loss
- Small one-piece lightweight design
- Butt joint PC ferrule technology
- Factory terminated

**MBC Plug**



**MBC Jam Nut Receptacle**



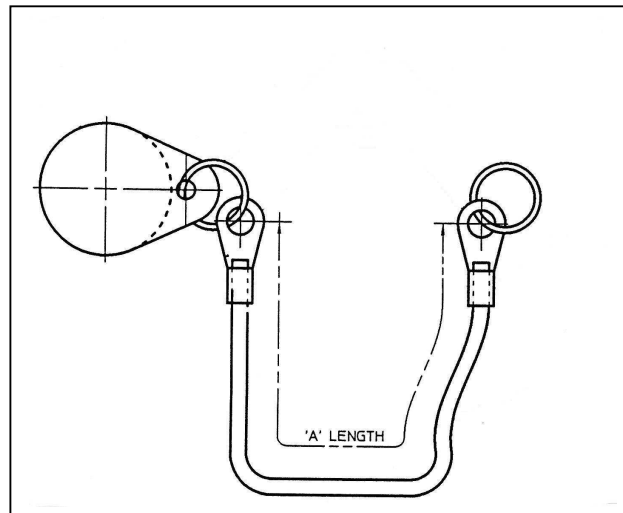
**Performance**

Optical	
Attenuation	Typically 0.4dB with 62.5/125 $\mu$ m cable
Durability	>500 matings
Fibre Types	62.5/125      50/125
Cable Types	014 – 50/125 or 62.5/125 5.5mm OD Tactical
	011 – 50/125 or 62.5/125 <3.0mm OD Ruggedised
Orientations	N, A, B

Environmental	
Temperature Range	-55°C to +125°C
Materials	Aluminium Alloy, Zinc Cobalt Olive Drab or Zinc Cobalt Black finish
	Brass with Nickel plated finish

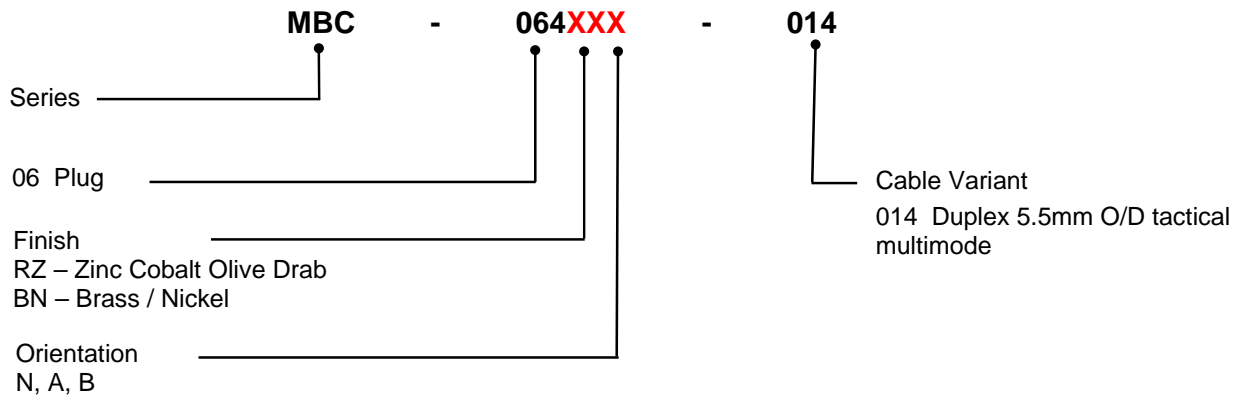
**Dust Cap**

Rubber Moulded Dust Cap and Nylon Cord - Part No. 62-5323-003-100

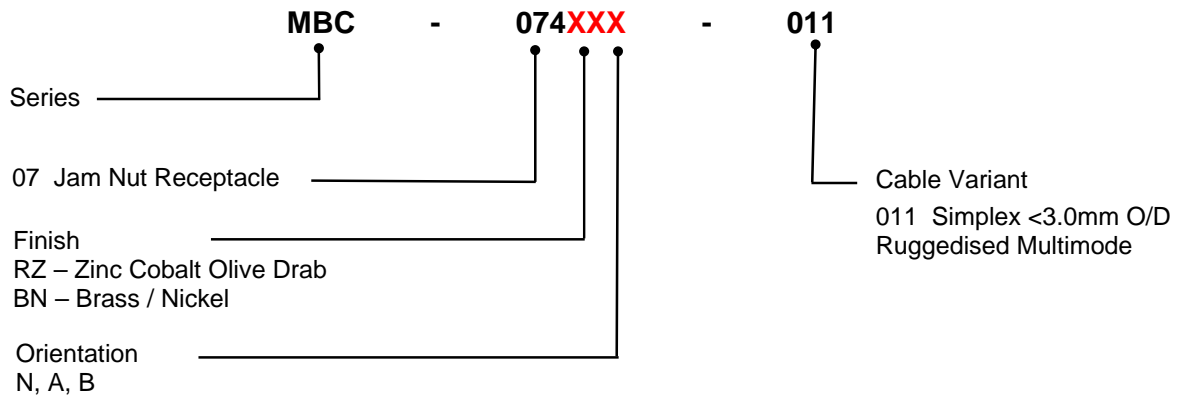


**Part Number Information – Multimode Fibre**

**Plug Connector:**



**Receptacle Connector:**



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