

User Orientable



Low-profile



Waterproof



Self-aligning



STINGRAY

The Stingray product series has been optimised for body-worn applications.

This series offers low profile, compact, sealed connectors that withstand exposure to rain, dust, dirt and chemicals that are aimed at First Responders, Security and Military personnel. Stingray features a magnetic, non-keyed mating system which allows the connector to be easily mated without the need for pre-alignment and eliminates the need to operate any coupling mechanisms.

Stingray has been optimised for USB 2.0 & Ethernet protocols, and is an excellent solution for audio, power or data signals.

The low profile Stingray connector sits flat against the body to prevent snagging & damage, is self-aligning due to the strong magnetic connection, and allows customisation and flexibility of cable routing.



Amphenol LTD



Features

Magnetic mating mechanism

Non-keyed rotatable mating

Wipe clean interface featuring sprung-loaded pogo contacts

5000+ mating cycles

Compatible with USB 2.0, Ethernet and Audio signal requirements

Last mate contact

90° Cable exit within the height of the connector

IP68 sealed (mated and unmated)

Benefits

Aids blind-mate performance and prevents inadvertent damage if the user forgets to unmate

Does not require pre-alignment when mating
Cable exit angle is infinitely variable and can be set and adjusted by the user

Easy cleaning and decontamination

Increased connector life before replacement

Allows interconnection of various equipment including computers, radios and headsets

Allows hot-swapping of equipment and signals (i.e. interface is passive until the connector is fully mated)

Cable runs parallel to the body eliminating loops and preventing snagging

High degree of sealing prevents ingress of dust and moisture