

Waterproof



Compact



Rugged



Heat resistant



TERRAPIN

The next generation of SCE connectors from Amphenol UK

Intended for harsh environment applications and used extensively in soldier communications, Amphenol Terrapin is a miniature series of circular push-pull connectors. Within a rugged shell design Terrapin offers superior EMC performance and high environmental sealing to IP68. Resilient in severe battlefield situations the RoHS compliant black-silver plating is both low-lustre and corrosion resistant.

Featuring an optional locking mechanism, multiple shell sizes with up to 37 contacts and suitability for overmoulding, Terrapin is the preferred choice for miniature connectors in military and other harsh environment applications.



Amphenol[®]



Features

Miniature footprint

Quick release breakaway

Latched version

Common plug connector

Sealed to IP68

RoHS compliant

2000 + matings

Multiple keying options

Brass base metal

Black silver plating

Integral backshell

Gigabit ethernet and USB 2.0 compatible

Suitable for overmoulding



Benefits

Space saving compared to traditional interconnect

Fast, safe, connect and disconnect
Release in snagging situations
Reduced interconnection damage

Allowing connectors to be locked together

Suitable for mating with both snatch and latch style receptacles

A high degree of sealing to protect against dust and water ingress in both mated and unmated conditions

Meets the industry requirements to restrict the use of hazardous substances

Mating durability four times greater than MIL-C standard bayonet and thread coupling connectors
Increased connector life before replacement

Five keying options to prevent mis-mating

Robust
Wear resistant
Crush resistant

Low lustre / non-reflective
Highly conductive
Superior EMC performance
1000 hrs salt spray resistance

360° screening
No special tooling or training required
Quick termination

Suitable for computers, LAN switches and routers

Standard or tailored overmould solutions
Robust and tamper proof
Waterproof
Aesthetically uniform product