

grafiche zanichelli sassuolo

Amphenol



LED market



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Signal

CIRCULAR



Amphenol offers a variety of plastic circular connectors with a thread or bayonet locking systems in more than 50 pin configurations (data and power) and over 5 shell sizes, rated up to 25 Amps. Available in receptacle, in-line, overmolded (straight or right angle) or field installable versions. IP65 to IP68 sealing.

LUMINUS



Luminus is a compact, environmentally-sealed interconnect with a secure coupling mechanism and durable housing. MIL-C-39029 or stamped/form contacts are available.

D-SUB



Amphenol provides IP65 to IP68 plastic and metal D-Sub connectors from size 1 to 5 in 2 Amps for high density (HD) and 5 Amps for standard density (SD). Available in receptacle, field installable and cable overmolded versions with screw, latch or automated locking systems.

C091



The C091 is available with a screw or bayonet locking system. The receptacles are available for front or back-panel mounting and offer a variety of connection possibilities. IP40 for indoor applications. UL approved.

PULSE LOK®



Pulse-Lok® connectors are ergonomic, intuitive, compact, light-weight and environmentally sealed. Available in field installable or overmolded versions with a variety of shell sizes and up to 78 contacts. Pulse-Lok® connectors feature a revolutionary auto-coupling feature that provides audible and tactile confirmation that a mated pair is engaged.

XLR



The AX Series has an ergonomic grip, an oversized one piece ground/latch for easy mating, enhanced EMI performance, a robust shell and a concentric socket contact design for optimal contact resistance.

RJ SERIES / USB



The RJ series offers Cat 5, Cat 5e and Cat 6 options. The USB series offers USB 2.0 A, USB 2.0 B and mini B type options. Both series come in IP67 or IP68 ratings and are perfect solutions for LED outdoor applications.

M SERIES



Amphenol has a vast range of M-series connectors from M8, M12 to M40. Available in field installable or overmolded versions, T-cables, I-adaptors, and Y-adaptors. Our M-series connectors are available with sealing levels of IP65 to IP68. Rated from 2 to 5 Amps.

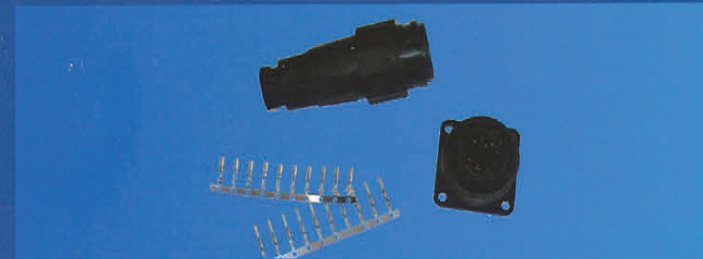
Power

HYBRID



The Hybrid offers 3 power contacts and 5, 7 or 9 signal contacts in one connector. Current ratings of 2 + 10 Amps or 5+20 Amps. Field installable or overmolded options are available with an IP67 sealing level.

C16



The C16 includes versions with up to 17 pins + PE for power and signal solutions, bayonet locking, screw and crimp terminations, IP65 sealing, and up to 4 mm wire size (AWG 12). VDE, UL and CSA approved.

ECO|MATE



This ergonomic circular connector features 3 + PE or 6 + PE for up to 22 Amps, thread locking, screw, solder or crimp terminations, IP65 to IP67 sealing, and up to 2.5 mm wire size (AWG14). VDE, UL and CSA approved.

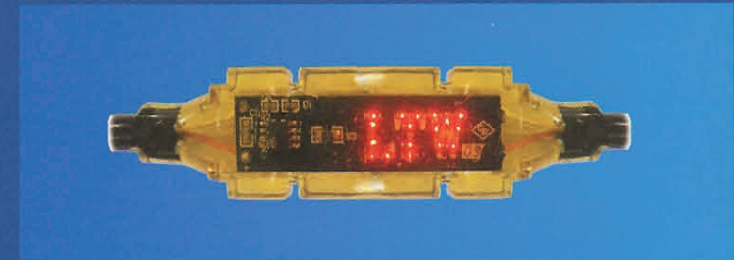
KSZ CIRCULAR



8A: 2, 3, 4 pins for option, lock type. Easy mating suit with outdoor LED power & signal interconnect 180° molded with cable or rear mount in wire harness

Value added

ENCAPSULATION



Customized PCB encapsulation technology via low pressure injection molding with shorten lead time. Meet RoHS standard. Waterproof, IP 67 & IP 68 with better mating seal to prevent sensitive electronic components from damaging.

CABLE ASSEMBLY & ODM



With expertise in master tooling design, injection molding, assembly line processes and testing capabilities, Amphenol is vertically integrated to deliver advanced waterproof cable assemblies.

LED ASSEMBLY



Amphenol provides customized design and complete product assembly for LED modules, control boxes, pixel string and tube lights, as well as fully integrated solutions for any LED application.

CABLE JOINER



Amphenol offers UV resistant and waterproof cable joiners for outdoor applications. Field installable with wire gauge from 16 to 22 AWG.