



**ATL**  
technology  
INSPIRING MEDICAL  
DEVICE POSSIBILITIES

ATL Technology's patented Ultra High Density Interconnect Solution designed specifically for Electrophysiology can help enable next generation devices to combine mapping and ablation into one catheter solution. The circular connector allows for the ultra high density, low voltage pins to ensure all contacts have the same contact force with a proprietary self centering design. With ergonomics in mind, the hourglass shape means less grip strength required to connect and disconnect. The design also ensures fit, form, and function within a catheter handle allowing for limited re-use interfacing cable.



## ATL's Ultra High Density Interconnect Solution Features and Benefits

Contact Count	218, customizable by request
Connector Style	Circular Push-Pull latching design
Shell Style	Ergonomically friendly hourglass shape means less grip strength to connect and disconnect the connector
Size	1.1" (28 mm) nominal
Function	Power and signal combined provides design flexibility, can enable mapping and ablation to be combined into one catheter solution
Insertion Force	Low, <10 Pounds
Cycle Count	Re-usable: up to 10k cycles, Limited-use: 50 cycles
Sterilization Cycle	ETO, Gamma, Autoclave, STERRAD, E-beam
Termination	Customizable on the end of the flex circuit, ex: flex to flex bonding, micro-coax, fine wire, ZIF, etc.
Device Compatibility	Options for disposable device side receptacle can be designed into the OEM handle
Shielding	Designed to accommodate EMI/RF shielding if needed
Electrical Characteristics	1 MOPP design (patient protection) 110 voltage, can be customized to 2 MOPP
Product Configuration	Disposable device handle receptacle, reusable capital equipment receptacle, reusable cable and connectors



WWW.ATLTECHNOLOGY.COM  
+1 (801) 489-9100