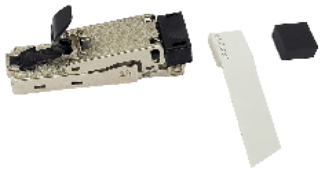
ORTRONICS

High Density Field Terminated Plug vs Standard RJ45 Plug

Legrand High Density Field Terminated Plugs offer the smallest footprint, with higher power capability to terminate horizontal cable directly to an end device with simplified installation and no need for special and costly tools.



	High Density Field Terminated Plug	Standard RJ45 Plug
Channel Performance	▪ Elevated performance with noise compensation, MPTL compliant up to 10G	▪ Min compliant up to 10G
Termination Style	▪ Features a lacing sled that seats and aligns wires ▪ Easy to follow attached universal wiring label ▪ Prevents coupling ▪ Re-terminate up to 5 times	▪ Typically pre-terminated at manufacturing facility ▪ Connectors cannot be re-terminated
Strain Relief	▪ Plug body maintains proper cable bend radius without additional components	▪ Cable strain boot is needed for additional strain protection
Plug Design	▪ High density footprint allows plugs to fit side by side and maximizes device compatibility ▪ Internal printed circuitry controls & eliminates noise, providing the same performance as a jack	▪ No internal printed circuitry to eliminate interference and noise ▪ High risk for inconsistent terminations ▪ No wire isolation to prevent coupling
Tools Needed	▪ Parallel joint pliers and cutters only tools required ▪ Convenient, no special termination tool required	▪ Requires a specialized crimp tool and expertise for proper termination
Wire Gauge (AWG)	▪ 22-26 Solid ▪ 23-27 Stranded	▪ 23-26 Stranded ▪ Not typically recommended for solid conductor cable

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