
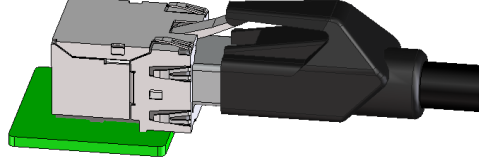



		ix Industrial™		RJ45		Compact Industrial I/O Connector from Other Company
Size HxWxD (mm)		 <p>Plug : 17.5 x 9.2 x 28.6 Receptacle : 9.4 x 8.8 x 12.8</p>	☁️	 <p>Plug : 12.9 x 13.4 x 44.6 Receptacle : 9.4 x 8.8 x 12.8</p>	☀️	 <p>No Image Plug : 10.29 x 11.62 x 34.0 Receptacle : 7.7 x 9.81 x 15.0</p>
Performance Comparison	Easy of Use	☀️ Easy to pull out plug while pushing on the lock button	☀️	☀️ Easy to pull out plug while pushing on the latch	☁️	☁️ Difficult to pull out plug while pushing on the latch
	Lock Strength	☀️ Durable Metal Spring	☁️	☁️ Plastic latch breaks easily Unintended plug disconnection	☀️	☀️ Metal Spring
	EMC	☀️ Superior noise prevention due to shield design	☁️	☁️ Weaker shielding compared to the ix Industrial™	☁️	☁️ Weaker shielding compared to the ix Industrial™
	Vibration Resistance	☀️ Contact resistance does not rise and remains stable	☁️	☁️ Increase in contact resistance and unstable contact	☁️	☁️ Increase in contact resistance and unstable contact
	Max. Current Value	☀️ Temperature rise less than 30°C at 3A	☁️	☁️ Temperature rise more than 30°C at 2.4A	☁️	☁️ Temperature rise more than 30°C at 2.7A
	Heat Resistance	☀️ Stable contact even at 125°C (Guaranteed Value: 85°C)	☁️	☁️ Contact instability, contact resistance increase at 105°C	☁️	☁️ Contact instability, contact resistance increase at 105°C
	Plug Assembly	☀️ Average 11 min., 5 sec.	☁️	☁️ Average 12 min., 44 sec.	☁️	☁️ Average 12 min., 43 sec.
	PCB Peel Strength	☀️ Sufficient strength in all directions	☁️	☁️ More than 10-20% weaker compared to the ix Industrial™ in upper and horizontal directions	☁️	☁️ Has the same breaking strength as the ix Industrial™, but PCB land is damaged
	Mating Durability	☀️ Stable, without any increase in contact resistance determined even at 5,000 cycles	☁️	☁️ Contact resistance of ground rises rapidly after 4,000 cycles	☁️	☁️ Breakage of the receptacle contact occurs after 4,500 cycles

*Please contact a Hirose representative for detailed test data.