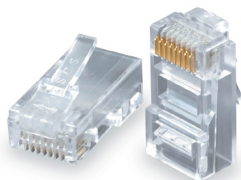


FIELD-INSTALLABLE VS. NON-FIELD-INSTALLABLE

95% of cabling transmission channel failures or deficient transmission characteristics is caused by the malfunction of equipment cables or patch cords. Excessive crosstalk caused by deficient cabling components can result in data packet loss in data transmission networks. To loose only 1% of data traffic can reduce a network's actual transmission rate down to just 20%.

Field-installable modular plugs were designed to give the industry an alternative solution to the traditional 8P8C modular plugs, but what are the main benefits, see the prepared chart below for a quick review.

TRADITIONAL 8P8C MODULAR PLUG



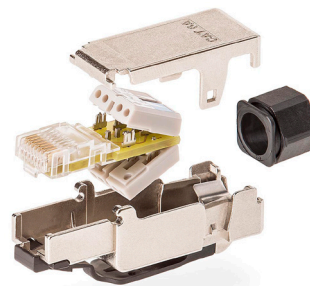
Non-Field-Installable

Transmission performance parameters of the assembly are not guaranteed after installation.	—
Requires testing/verification after installation to confirm compliance with the required category of transmission performance.	—
Crosstalk suppression measures are absent or minimal (special inserts and separators) due to the limiting plug construction.	—
Pair conductors are split and intermixed with other pairs' conductors creating perfect conditions for crosstalk.	—
Conductors run in parallel to each other with very little separation creating perfect conditions for crosstalk.	—
Installation requires a certain skill level, needs special tools (crimping tools), and installation time is, usually, longer.	—
Lower mechanical reliability, prone to damage caused by cable bending at the entry point, excessive pulling force.	—

"Non-field-installable"
 No guarantee of
 transmission performance
 level.

VS

SIGNAMAX MODULAR PLUG

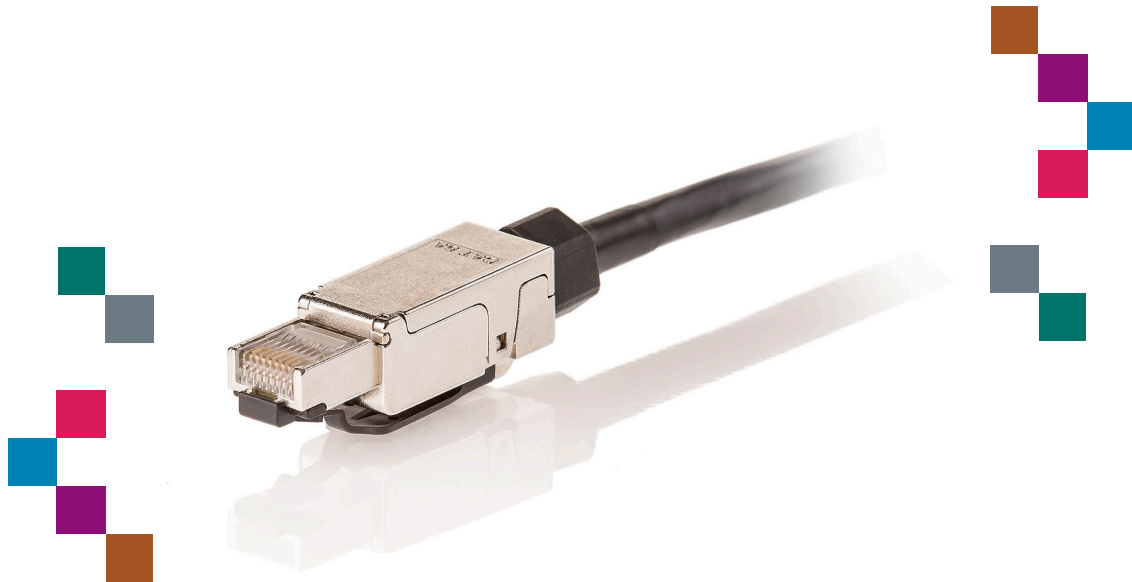


Field-Installable

+	Guaranteed transmission performance parameters per ANSI/TIA-568-C.2 after installation.
+	Does not require testing/verification after proper installation.
+	Effective crosstalk suppression (PCB, pair separator)
+	Pairs integrity is kept up to the termination points.
+	Effective separation at the termination points and PCB up to the plug contacts.
+	Installation requires basic level of cable preparation skills, no special tools required, and shorter installation time is.
+	Higher mechanical stability due to ruggedized body and cable fixing mechanism.

"Field-installable"
 Guarantee to perform at
 the specified transmission
 performance level.

Range of applications are technically the same as those for regular modular plugs, but the most advantage they provide is for cabling and active equipment connection points in security systems, building automation systems, industrial installations, including direct-attachment methods, where simplicity of installation, robustness of the component, and guaranteed transmission performance are critical.



Take a closer look at the Signamax modular plug design. You may notice that it's like a jack turned inside out. Special spatial separators, PCBs, and plug contacts tuned to comply when assembled with the standard transmission performance specifications provide a field-installable plug with an outstanding quality. Field-installable components are guaranteed to perform per applicable standard specifications without additional testing or verification.

Signamax Field-Installable Modular Plugs

KEY FEATURES

- Meets ANSI/TIA-568-C.2 & ISO/IEC 11801 patch cord requirements
- Overall “360-degree” solid-metal shielding design
- ‘Toolless’ field termination
- Compatible with solid and stranded conductors and all Signamax modular connectors
- PCB-based electrical design
- Rated for at least 750 insertion cycles

ORDERING INFORMATION

PART NO.	DESCRIPTION
KRJS45DA-C6A	Category 6A Screened Field-Installable Modular Plug
KRJS45DA-C6	Category 6 Screened Field-Installable Modular Plug
KRJS45DA-C5E	Category 5e Screened Field-Installable Modular Plug

KEEPING YOUR WORLD CONNECTED