



KRAMER

CON-FIELD

Field Assembly Shielded RJ45 Connectors
for CAT Cable



The CONFIELD is a highbandwidth, shielded RJ45 connector used for terminating Kramer LAN cables. This connector requires no crimping tool to install, and provides fast and reliable termination of shielded twistedpair cables in the field. The connector is suitable for 10Gb Ethernet (IEEE 802.3an), remote powering (PoE, PoE plus, UPoE) and HDBaseT

FEATURES

Robust Zinc Die-cast Housing - For industrial use and a protected latch

Compact Design - Makes the connector multiportcapable while being fully shielded

Easy Assembly - Strain relief snapped on directly to stuffer cap and protected catch, no crimping tool needed

Reconnectable for Reuse

Transmission Characteristics - CAT 6A per ISO/IEC 11801 Ed.2.2:201106

Wide Uses - Suitable for 10Gb Ethernet (IEEE 802.3an), remote powering (PoE, PoE plus and UPoE) and HDBaseT

CON-FIELD-360 - With variable cable entry, 8 positions possible

Availability - Sold in packages of 10



TECHNICAL SPECIFICATIONS

OVERALL

SHIELDING: Shielded

TRANSMISSION TECHNOLOGY: Copper

COLOR: Black

DIMENSIONS: CONFIELD: 49.8mm x 13.8mm x 16.5mm (1.96" x 0.543" x 0.65"), CONFIELD360: 61.70mm x 13.80mm x 27.50mm (2.43" x 0.54" x 1.08")

MULTI-PORT CAPABILITY : Yes

CABLE ACCESS/OUTLET: CONFIELD360: Variable, 8 positions, CONFIELD: 180°

REGULATORY PERFORMANCE

CATEGORY (TIA): 6A

CLASS (ISO/IEC): EA

CONSTRUCTION

CONTACTS: CuSn (tinned bronze)

CONTACT FINISH: Ni + Au (nickelgold)

LATCH: Plastic

REGULATORY

OFFICE BUILDINGS: ISO/IEC 11801 Ed. 2.2:201106; DIN EN 501732:201109; TIA/EIA 568C

INDUSTRIAL AREA: ISO/IEC 24702; DIN EN 501733:201109; TIA/EIA 1005

LIVING UNITS: ISO/IEC 15018; DIN EN 501734: 201109; TIA/EIA 570B

CE: Compliant

ROHS: Compliant

REGULATORY PERFORMANCE

POE/POE PLUS: IEEE 802.3af/IEEE 802.3at

UPOE: Yes

HDBASET: Yes

TRANSMISSION RATE UP TO 10GBIT: IEEE 802.3an

DIAMETERS

TERMINATION, STRANDED WIRE: CONDUCTOR CROSS SECTION AWG: AWG 27/722/7.
CONDUCTOR CROSS SECTION: 0.1110.355mm²
CONDUCTOR DIAMETER: 0.4570.762mm (0.0180.030")

CABLE SHEATH DIAMETER: 5.510.5mm (0.2170.413")

ELECTRICAL

RATED VOLTAGE: 50V (max)

CONTACT

RESISTANCE:	20m (max)
INSULATION RESISTANCE:	500M (min)
DIELECTRIC STRENGTH:	CONDUCTORSHIELD: 1500V DC
USAGE & ENVIRONMENTAL	
LIFE-NUMBER OF MATING CYCLES:	750 min
STRAIN RELIEF:	Latching clip
STORAGE TEMPERATURE:	40 70°C (40 158°F)
OPERATING TEMPERATURE:	40 70°C (40 158°F)



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CONFIGURATIONS

CON-FIELD	Field assembly 180° Shielded RJ-45 Connector for CAT Cable (minimum purchase, 10 units)
CON-FIELD-360	Field assembly 360° Shielded RJ-45 Connector for CAT Cable (minimum purchase, 10 units)
