



KRAMER

CON-FIELD

Field Assembly Shielded RJ-45 Connectors
for CAT Cable



The CONN-FIELD is a high-bandwidth, shielded RJ-45 connector used for terminating Kramer LAN cables. This connector requires no crimping tool to install, and provides fast and reliable termination of shielded twisted-pair 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 multiport-capable 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.2.2:2011-06

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



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TECHNICAL SPECIFICATIONS

OVERALL

SHIELDING: Shielded

TRANSMISSION
TECHNOLOGY: Copper

COLOR: Black

MULTI-PORT
CAPABILITY : Yes

CABLE
ACCESS/OUTLET: CON-FIELD-360: Variable, 8 positions, CON-FIELD: 180°

REGULATORY PERFORMANCE

CATEGORY (TIA): 6A

CLASS (ISO/IEC): EA

CONSTRUCTION

CONTACTS: CuSn (tinned bronze)

CONTACT FINISH: Ni + Au (nickel-gold)

LATCH: Plastic

REGULATORY

OFFICE BUILDINGS: ISO/IEC 11801 Ed. 2.2:2011-06; DIN EN 50173-2:2011-09; TIA/EIA 568-C

INDUSTRIAL AREA: ISO/IEC 24702; DIN EN 50173-3:2011-09; TIA/EIA 1005

LIVING UNITS: ISO/IEC 15018; DIN EN 50173-4: 2011-09; TIA/EIA 570-B

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 27/7-22/7.
CONDUCTOR CROSS SECTION: 0.111-0.355mm²
CONDUCTOR DIAMETER: 0.457-0.762mm (0.018-0.030")

CABLE SHEATH
DIAMETER: 5.5-10.5mm (0.217-0.413")

ELECTRICAL

RATED VOLTAGE: 50V (max)

CONTACT
RESISTANCE: 20mΩ (max)

INSULATION RESISTANCE:	500M Ω (min)
DIELECTRIC STRENGTH:	CONDUCTOR-SHIELD: 1500V DC
USAGE AND 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 (10-pack)
CON-FIELD-360	Field assembly 360° Shielded RJ-45 Connector for CAT Cable (10-pack)