



CON-FIELD / CON-FIELD-360

Field Assembly Shielded RJ-45 Connectors
for CAT Cable



CON-FIELD and CON-FIELD-360 are high-bandwidth, shielded RJ-45 connectors 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

CON-FIELD - Fixed connector

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

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

Availability - Both connectors sold in packages of 10



TECHNICAL SPECIFICATIONS

OVERALL	DESIGN: Plug
	SHIELDING: Shielded
	TRANSMISSION TECHNOLOGY: Copper
	COLOR: Black
	MULTI-PORT CAPABILITY : Yes
REGULATORY PERFORMANCE	CABLE ACCESS/OUTLET: CON-FIELD-360: Variable, 8 positions, CON-FIELD: 180°
	CATEGORY (ISO): 6A
	CATEGORY (TIA): 6A
	CLASS (ISO/IEC): EA
	REMOTE POWERING: Yes
	POE/POE PLUS: IEEE 802.3af/IEEE 802.3at
	UPOE: Yes
	HDBASET: Yes
CONSTRUCTION	TRANSMISSION RATE UP TO 10GBIT: IEEE 802.3an
	HOUSING: GD-Zn (Zinc die-cast)
	CONTACTS: CuSn (tinned bronze)
	CONTACT FINISH: Ni + Au (nickel-gold)
	LATCH: Plastic
REGULATORY	GENERAL REQUIRMENTS: ISO/IEC 11801 Ed. 2.2:2011-06; DIN EN 50173-1:2011-09; TIA/EIA 568-C
	OFFICE BUIDINGS: ISO/IEC 11801 Ed. 2.2:2011-06; DIN EN 50173-2:2011-09; TIA/EIA 568-C
	INDUSTRIAL AREAS: ISO/IEC 24702; DIN EN 50173-3:2011-09; TIA/EIA 1005
	RESIDENTIAL AREAS: ISO/IEC 15018; DIN EN 50173-4: 2011-09; TIA/EIA 570-B
	CE: Compliant
	ROHS: Compliant
DIAMETERS	TERMINATION, SOLID WIRE: CONDUCTOR CROSS SECTION AWG: AWG 26/1-22/1.
	CONDUCTOR CROSS SECTION: 0.128-0.324mm ²
	CONDUCTOR DIAMETER: 0.409-0.643mm (0.016-0.025")
	TERMINATION, STRANDED WIRE: CONDUCTOR CROSS SECTION AWG: AWG 27/7-22/7.
	CONDUCTOR CROSS SECTION: 0.111-0.355mm ²
	CONDUCTOR DIAMETER: 0.457-0.762mm (0.018-0.030")
ELECTRICAL	CABLE SHEATH DIAMETER: 5.5-10.5mm (0.217-0.413")
	CURRENT: 1A (max)

RATED VOLTAGE: 50V (max)

CONTACT RESISTANCE: 20mΩ (max)

INSULATION RESISTANCE: 500MΩ (min)

DIELECTRIC STRENGTH: CONDUCTOR-SHIELD: 1500V DC

USAGE AND
ENVIRONMENTAL

INSERTION AND WITHDRAWAL FORCE: 20N max

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)



CONFIGURATIONS

CON-FIELD	Field assembly 180° Shielded RJ-45 Connector for CAT Cable -Minimum Order Quantity of 10 pieces or multiples thereof
CON-FIELD-360	Field assembly 360° Shielded RJ-45 Connector for CAT Cable - Minimum Order Quantity of 10 pieces or multiples thereof)