

# Opticom® High-Density Connector Removal Tool

## PANDUIT® SPECIFICATION SHEET

### specifications

The high-density connector removal tool is optimized for high-density fiber optic patch field applications. Tool shall have an ergonomic handle and slim profile, all metal end effectors designed for LC and SC connectors. End effector changes or replacements can be made easily. High-density connector removal tool shall accommodate optional LED work light. Tool shall be provided with rugged, high-impact carrying and storage case.



### technical information

<b>HDCRT</b>	11.5"L x 3.875"H x .71"W
<b>KHDCRT-FL</b>	2.5"L x .55" dia
<b>KHDCRT-SCE</b>	7.65"L x 1.07"W (open)
<b>KHDCRT-LCE</b>	7.65"L x 1.07"W (open)

### key features and benefits

<b>Slim profile, custom contoured end effectors</b>	Easy access for inserting and removing simplex and duplex LC and SC style fiber optic connectors in high-density patch field applications
<b>All metal end effectors with rubber gripping pads</b>	Retain LC and SC connectors with no slippage or tool deformation for positive connector insertion and removal
<b>LC and SC connector specific end effectors</b>	Easy insertion to grip and remove the specific connectors provides flexibility and minimizes disturbance of adjacent connectors in high-density patch field applications
<b>Lightweight ergonomic design</b>	Comfortable use for reduced operator fatigue
<b>LED work light accessory</b>	Long lasting, bright white LED work light for connector identification in dimly lit work areas
<b>Rugged carrying case</b>	High-impact plastic carrying case with foam lining provides safe and secure transport

### applications

The Opticom® HDCRT High-Density Connector Removal Tool is designed to facilitate insertion and removal of LC and SC fiber optic connectors in high-density patch fields. As patch field density increases and connectors are spaced closer together, it becomes increasingly difficult to hand insert and remove simplex or duplex connectors. This is especially true for high-density LC connector patch fields. Another concern during moves, adds and

changes in high-density patch fields is to minimize the disturbance of adjacent channels. The slim profile, all metal, connector specific end effectors of the HDCRT Tool allow users to precisely locate and positively insert or remove simplex and duplex, LC or SC connectors by minimizing tool slippage and the disturbance of adjacent channels for positive, complete connector insertion and removal in high-density patch field applications.

#### Opticom® High-Density Connector Removal Tool

<b>Connector removal tool:</b>	HDCRT
<b>Flashlight kit:</b>	KHDCRT-FL
<b>LC end effector kit:</b>	KHDCRT-LCE
<b>SC end effector kit:</b>	KHDCRT-SCE

#### Opti-Core® Fiber Optic Patch Cords

<b>Duplex LC to LC:</b>	F <sup>^</sup> E10-10M‡
<b>Duplex SC to SC:</b>	F <sup>^</sup> D3-3M‡
<b>Simplex LC to LC:</b>	F <sup>^</sup> F10-10M‡
<b>Simplex SC to SC:</b>	F <sup>^</sup> S3-3M‡

#### Opticom® Multimode Fiber Adapter Panels

<b>12 duplex LC:</b>	FAP12WEIDLC
<b>12 duplex 10Gig™ LC:</b>	FAP12WAQDLC
<b>12 simplex 10Gig™ LC:</b>	FAP12WAQLCZ
<b>12 simplex SC:</b>	FAP12WEISC
<b>6 duplex SC:</b>	FAP6WEIDSC
<b>6 duplex 10Gig™ SC:</b>	FAP6WAQDSC

#### Opticom® QuickNet™ Pre-Terminated MTP\* Cassettes

<b>6 LC duplex to 1 MTP* (12 fiber):</b>	FC <sup>^</sup> -12-10
<b>12 LC duplex to 2 MTP* (24 fiber):</b>	FC <sup>^</sup> -24-10
<b>12 SC simplex to 1 MTP* (12 fiber):</b>	FC <sup>^</sup> -12-3S
<b>6 SC duplex to 1 MTP* (12 fiber):</b>	FC <sup>^</sup> -12-3

#### Opticom® Fiber Enclosures

<b>Fiber Cassette Enclosure, 1 RU:</b>	FCE1
<b>Fiber Rack Mount Enclosures:</b>	FRME1, FRME2, FRME3, FRME4
<b>Fiber Mount Drawers:</b>	FMD1, FMD2
<b>Fiber Mount Trays:</b>	FMT1, FMT2

<sup>^</sup>Substitute for fiber type: X (OM3/OM4 – 10Gig™ 50/125µm), 5 (OM2 – 50/125µm), 6 (OM1 – 62.5/125µm), 9 (OS1 – 9/125µm).

‡Substitute for length in meters: 1 – 30 meter are standard lengths. Contact Customer Service for other available lengths.

\*MTP is a registered trademark of US Conec Ltd.

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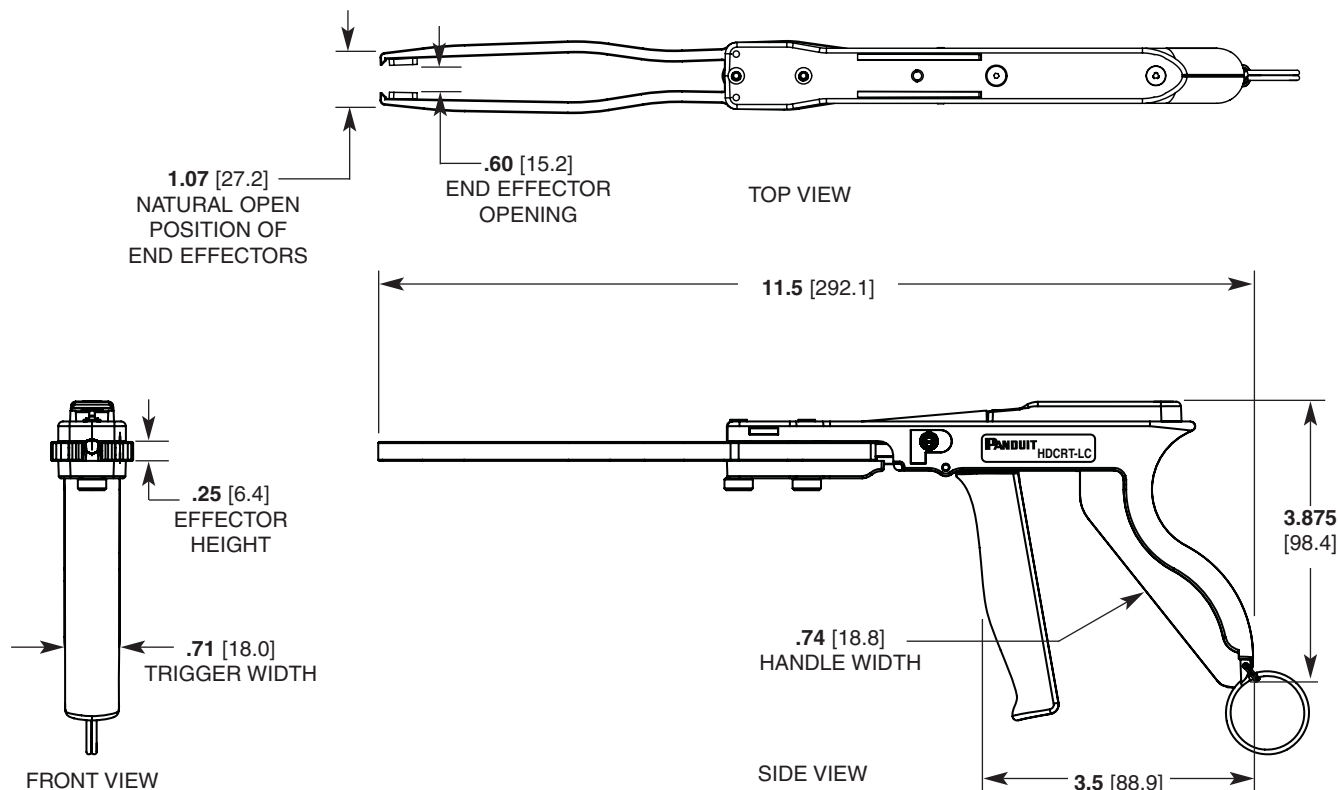
## selection information

**HDCRT**  
**High-Density**  
**Connector Removal Tool:** Tools includes all metal LC end effector and high-impact plastic body construction. Comes with 14"W x 10.5"D x 3.4"H rugged plastic carrying and storage case.

**KHDCRT-FL**  
**Flashlight Kit:** Aluminum body flashlight with high-impact plastic mounting bracket and mounting screws. Powered by (3) AG-13 Lithium batteries (included).

**KHDCRT-SCE**  
**SC End Effector Kit:** All metal SC end effectors with rubber gripping pads and mounting screws.

**KHDCRT-LCE**  
**LC End Effector Kit:** All metal replacement LC end effectors with rubber gripping pads and mounting screws.



**High-Density Connector Removal Tool**  
includes LC End Effectors for LC Connectors

**Flashlight Kit**

**SC End Effector Kit for**  
**SC Connectors**



**HDCRT**



**KHDCRT-FL**



**KHDCRT-SCE**

Dimensions are in inches [Dimensions in brackets are millimeters]

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