

Fixed Break-Over Torque Wrench With 5/16 Bit For 3.5mm, 2.92mm, 2.4mm, SMA Connectors set to 8 in-lbs



## LCTWB08516-TQ

### Features

- Break-over design prevents over-torquing
- Black anodized aluminum handle
- Each break-over torque wrench comes secured inside a labeled wooden box

### Applications

- Lab environments
- Production cable attachment
- Field install and testing
- Applying accurate torque
- Preventing over torque

### Description

LCTWB08516-TQ is a break-over type torque wrench with 5/16 bit for 3.5mm, 2.92mm, 2.4mm, SMA connectors and a preset value of 8.1 in-lbs. L-com's LCTWB08516-TQ break-over torque wrenches allow accurate mating force when assembling and disassembling a variety of RF coaxial connectors. The unique feature of break-over torque wrenches is that they will "break" at the pivot point once the preset torque value is achieved, effectively preventing the user from over tightening the coupling nut on the connector which is not possible with a click style torque wrench. Our break-over 3.5mm, 2.92mm, 2.4mm, SMA torque wrenches are lab-quality tools made with a durable nickel-plated steel alloy wrench head connected to a lightweight, Black anodized aluminum handle.

### Configuration

Torque Type	Fixed
Design Type	Break-Over
Hex Size	5/16 inch
Torque Setting	8.1 in-lbs [0.92 Nm]
Torque Accuracy	±0.4 in-lbs [±0.05 Nm]
Weight	0.559 lbs [253.56 g]
Handle Color	Black
Wrench Head Material	Steel
Wrench Head Plating	Nickel
Handle Material	Black Anodized Aluminum

**Compliance Certifications** (see [product page](#) for current document)

### Notes:

- For Stainless steel type connectors.
- Do not use on damaged connectors.
- To improve performance of a wrench that hasn't been used recently, actuate the wrench by clicking the wrench head back and forth several times before use. This will spread the lubricant through the internal mechanism.
- Break-over type torque wrenches require smooth consistent application of force. Each torquing action should be completed within 2 seconds. Slower or faster torquing action will detract from accuracy.

Fixed Break-Over Torque Wrench With 5/16 Bit For 3.5mm, 2.92mm, 2.4mm, SMA Connectors set to 8 in-lbs from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[Fixed Break-Over Torque Wrench With 5/16 Bit For 3.5mm, 2.92mm, 2.4mm, SMA Connectors set to 8 in-lbs LCTWB08516-TQ](#)

Fixed Break-Over Torque Wrench With 5/16 Bit For 3.5mm,  
2.92mm, 2.4mm, SMA Connectors set to 8 in-lbs

## LCTWB08516-TQ



---

products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

Fixed Break-Over Torque Wrench With 5/16 Bit For 3.5mm, 2.92mm, 2.4mm, SMA Connectors set to 8 in-lbs

L-com CAD Drawing

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	11/11/2021
APPROVED AGANWANI		

  
  

1. TORQUE VALUE: 0.9 NM [8 IN. LBS]

2. SIZE: 8.0 MM [5/16 IN.]

  

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [5.08]	FRACTIONS	± 1/32
.XX = ±.02 [1.51]	ANGLES ± 1°	
.XXX = ±.005 [1.3]		

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305]	± 1 [25] / -0
12 [305] < L ≤ 60 [1524]	± 2 [51] / -0
60 [1524] < L ≤ 120 [3048]	± 4 [102] / -0
120 [3048] < L ≤ 300 [7620]	± 6 [152] / -0
300 [7620] < L = +5% / -0	

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

THE INFORMATION AND DIMENSIONS SHOWN ON THIS DRAWING IS THE PROPERTY OF L-COM GLOBAL CONNECTIVITY. ALL RIGHTS RESERVED.

SHEET 1 OF 1

SCALE N/A

  

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

ITEM NO. LCTWB08516-TQ

REV. A