

Product Name: ZX00WT9NM Wrench Torque 90N-m (8 lb - in) for SMA connectors

Product Description: Wrench torque is designed for fastening SMA connectors to proper tightness for High speed signal measurements where accuracy and test repeatability is utmost essential. Using ZX00WT9NM, properly secure SMA interconnect with same tightness for repeatability of test and conformance.

In compliance with ISO6789:2003 , ASME B107.14M.

Ball bearing design insures the re-use and the accuracy, repeatedly.

Bidirectional use : Clockwise or Counterclockwise operation

Minor change of tightness of SMA connectors results in variation of cable /contact impedance and Voltage Standing Wave Ratio, VSWR, resulting in inconsistent test results. ZX00WT9NM, wrench torque ensures consistency in RF / high speed signal measurements that are susceptible to errors due to method of measurements. ZX00WT9NM, wrench torque ensures consistency in RF signal measurements.

ZX00WT9NM complements Zebax SMA modules including ZX200x-20 ZX210x ZX210Sx ZX230 and ZX050 series modules. Additionally the wrench torque can be used for any and all RF applications for consistency in test results where minor SMA connector tightness plays major impact in multi GHz signal measurements.

Application: Fastening SMA interconnect to **identical tightness** for repeatability of test in RF applications where accuracy and test repeatability is utmost concern and in compliance with industry standards : ISO6789, ASMEB107.14M

Mates with : Any and All Standard SMA Plug connector. **Opening:** 0.3125" , 5/16" (8mm)

Standards: In compliance with ISO 6789:2003 ASME B107.14M Standard

Wrench Torque Mechanical Specification:

Coupling Torque (N-cm / in-lb):	90/8
Torque Accuracy:	0.5%
Width Across Coupling Nut Wrench Flats:	5/16" (0.3125") (8mm)
Open Ended Wrench & Size:	5/16" (8mm), note 1
Material:	steel
Lock:	Inner Hexagon lock design, note 2
Break-over direction:	Bi-Directional, Note 3
Calibration Equipment:	N83653

Note:

- 1- Deep concave design of the tip ensures tight nut's grip, ensuring no slip
- 2- Inner hexagon lock design ensures no change of torque
- 3- Ball bearing design of the wrench torque ensures slow speed operation of left/right break and re-use.

Torque Adjustment :

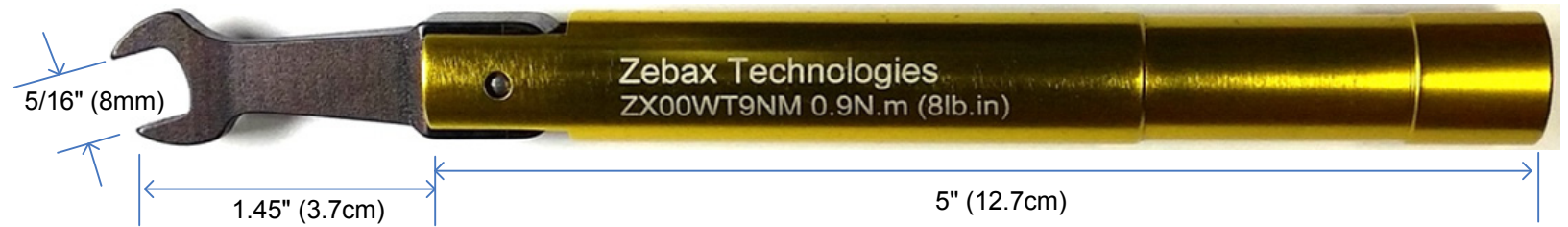
The ZX00WT9NM is calibrated at factor for proper torque tension in compliance with ISO6789 and ASME B107.14M. If the torque requires calibration or torque adjustment due to aging, or application, use the following steps to make torque adjustment:

- 1- Remove the torque adjustment seal , located at end of the tubing –
- 2- More torque tension : Using HEX screw driver (type N8) turn the screw clockwise.
- 3- Less torque tension : Using HEX screw driver (type N8) turn the screw counter clockwise.

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Package includes:

Item	Part number	Quantity	Description
1	ZX00WT9NM	1	Wrench Torque for SMA Plug connector
2	ZX000101xx	0	SMA Jack to SMA Jack cable assembly
3	ZX000202xx	0	SMA Plug to SMA Plug cable assembly
4	ZX000103xx	0	SMA Plug to SMP Plug cable assembly
5	ZX000203xx	0	SMA Plug to SMP Jack cable assembly

Ordering INFO:
Part Number



Note
ALL ZEBAX products are RoHS compliant and Lead Free unless otherwise indicated.

Material: Steel,



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SPECIFIED DIMENSIONS ARE INCHES (MM). ROHS COMPLIANT	ASSEMBLY DRAWING
	ITEM: ZX00WT9NM

DESCRIPTION: Wrench Torque for SMA connectors
0.3125" 5/16" (8mm)

CHECKED: M. MARINA	DRAWN: SLAVIK	REVISION: 1.0 SHEET: 1 OF 2
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