

COMPASS XR

Installation and Testing Tool for CEL-FI and SHIELD Systems

MODEL NUMBER: J11-900-100

The COMPASS XR scanning receiver is the complete solution to enable integrators to install and optimize CEL-FI cellular coverage systems and SHIELD emergency responder communication enhancement systems (ERCES). A convenient tool in a lightweight and portable case, COMPASS XR is used globally to deploy and verify multiple technologies, including 5G New Radio networks in sub-6 GHz spectrum, LTE, CBRS, and LMR public safety coverage.



Hardware

Processor	Single Board Linux Computer
Battery	Two rechargeable 3500 mAh, 3.7V protected 18650 cells (Included)
Charger	Included, with plug adapter types A, C, G, & I
Accuracy	+/- 2 dB
Operating Temperature Range	-20 to 60 °C
Charging Temperature Range	0 to 45 °C
Weight (with Batteries)	1.61 lb (730 g)
Size (with Exoskeleton)	4.7 in (119.1 mm) W x 1.6 in (41.3 mm) D x 8 in (204.2 mm) H
Shipping Dimensions (W x D x H)	16.5 in (419.1 mm) x 12.9 in (327.66 mm) x 7.3 in (185.42 mm)

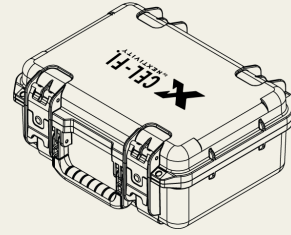
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The COMPASS XR comes in a complete kit containing the accessories needed to connect the device to CEL-FI or SHIELD equipment, from industrial boosters to antennas. The kit also includes these two cases:



Carrying Case

- Designed for easy carrying
- One-shoulder sling or two-shoulder backpack, straps included
- Integrated belt clip
- Internal pouch for spare antennas



Hard Case

- Rugged IP67-rated carry-on sized transportation case
- Die-cut foam secures all included equipment
- Store COMPASS XR in its Carrying Case or separately
- Extra space for additional cables and connectors

In The Box

RF Cable	SMA Female to N-type Male (2 meter length)
RF Adaptors	N-type Female to N-type Female
	N-type Female to QMA Female
	N-type Female to 4.3-10 Female
Antennas	Three (3) 5G NR/UHF 410–5925MHz (Replacement model: Nextivity A21-ML3-600)
Battery Charger	5V, 3.2A USB-C charger with 1-m cable and global plug adapters