KEYSIGHT TECHNOLOGIES (AGILENT HP)

N9910X

Keysight N9910X is the FieldFox RF and microwave accessories family. It comprises option-coded accessories for use with Keysight FieldFox handheld analyzers, covering interconnect, passive components, calibration, and mechanical/carry items. Specifications are option-dependent.

SPECIFICATIONS

Family Scope and Compatibility

Product Family Description	RF/microwave accessory family for Keysight FieldFox handheld analyzers; specifications vary by option
Accessory Categories Covered	RF coaxial interconnects, passive RF components, calibration kits/standards, mechanical/carrying accessories (option-dependent)
Option/Model Numbering Scheme	N9910X-xxx, where the three-digit suffix defines the specific accessory
Compatible Instruments/Series	Keysight FieldFox handheld analyzers (model- and option-dependent)
Compatible Frequency Ranges	Accessory-dependent; selections available to match the FieldFox instrument's installed frequency option
Application Compatibility	Accessory-dependent; selections exist for cable/antenna test, spectrum analysis, and vector network analysis use with FieldFox
Notes on Required Options	Some accessories require specific FieldFox options or connector types (e.g., VNA capability, port connector gender)

Coaxial Cables (Performance)

Cable Types Available	Phase-stable test cables and general-purpose coaxial cables (option-dependent)
Coaxial Cable Impedance	50 Ω (option-dependent)
Coaxial Cable Lengths	Various standard lengths; defined per option
Coaxial Cable Insertion Loss	Specified per cable and length; option-dependent
Coaxial Cable VSWR/Return Loss	Specified per cable type; option-dependent
Phase Stability vs Flexure	Specified for phase-stable cable options; option-dependent
Amplitude Stability vs Flexure	Specified for phase-stable cable options; option-dependent
Minimum Bend Radius	Defined per cable option

RF Passive Components

RF Passive Component Types	Adapters, attenuators, terminations (option-dependent)
Passive Component Impedance	50 Ω (option-dependent)
Passive Component Frequency Range	Defined per accessory; option-dependent
Passive Component VSWR/Return Loss	Defined per accessory; option-dependent
Attenuator Values	Fixed attenuation values available; option-dependent
Attenuation Accuracy	Specified per attenuator option
Passive Power Handling (CW)	Specified per accessory; option-dependent

Calibration Kits and Standards

Calibration Method	SOLT calibration kits available (option-dependent)
Calibration Kit Connector Types	Matches FieldFox port type; connector/gender option-dependent
Calibration Kit Frequency Range	Defined per kit; option-dependent
Standards Included	Open, Short, Load, Thru (option-dependent)
Load Return Loss (Cal Kit)	Specified per kit; option-dependent
Torque Wrench Value	Specified per connector size; provided in kit documentation

Mechanical and Carrying Accessories

Mechanical/Carrying Accessories	Soft cases, transit/carry options; defined per accessory code
Mechanical Accessory Materials	Materials vary by accessory (fabric, foam, molded components)
Mechanical Accessory Dimensions	Option-dependent; listed per accessory
Mechanical Accessory Weight	Option-dependent; listed per accessory

Electrical Power (for Active Accessories)

Input Voltage (Active Accessories)	If applicable to an accessory, electrical input specs are defined per option
Power Consumption (Active Accessories)	Defined per powered accessory; option-dependent

Active Accessories

Supported Operating Systems (Active)	For accessories that require drivers/software, OS support is defined per option
Interface Type (Active)	If applicable (e.g., USB), defined per accessory option

Environmental and Reliability

Operating Temperature (Accessory)	Defined per accessory; suitable for FieldFox portable field use (option-dependent)

Ordering and Configuration

Base Model Number	N9910X

APPLICATIONS

Accessories supporting FieldFox cable & antenna test, spectrum analysis, and vector network analysis modes (option-dependent).