

[Command Reference](#) > [SCPI Command Reference](#) > [\[SENSe:\] Commands](#) > [\[SENSe:\] CORRection...](#) > [\[SENSe<Ch>:\]CORRection:COLLect:AUTO:CONFIgure](#)

[\[SENSe<Ch>:\]CORRection:COLLect:AUTO:CONFIgure <CalType>, <Characterization>](#)

Selects a calibration type and a cal unit characterization (cal kit file) for an automatic calibration with ["Multiple Port Assignments"](#).

#### Suffix:

<Ch> Channel number of the calibrated channel

#### Parameters:

<CalType> FNPort | FOPort | OPTPort | FRTRans | FTRans | RTRans | UTRans | REFL | RSHort | PFNPort

FNPort – full n-port (UOSM) calibration

FOPort – full one-port ("Refl OSM") calibration

SFTPort – separate full two-port calibrations

OPTPort – one path two ports calibration

PFNPort – full n-port (UOSM) calibration for SMARTerCal

<Characterization> Location of the characterization (cal kit file) to be used for the automatic calibration (string parameter):

– The empty string ( ' ' ) refers to the factory calibration of (and stored on) the active calibration unit.

– A VNA cal kit file name \*.calkit without path refers to a specific cal kit file stored in the internal memory of the active calibration unit.

– A VNA cal kit file name without path but prefixed with "SD:" refers to a specific cal kit file stored on the SD card inserted at the active calibration unit.

– A VNA cal kit file name \*.calkit with path refers to a specific cal kit file stored in an arbitrary directory on the analyzer.

**Example:** See [\[SENSe<Ch>:\]CORRection:COLLect:AUTO:ASSignment<Asg>:DEFine](#).

**Manual operation:** See ["Characterization"](#)

[Top](#)