

RoHS Compliance Declaration

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In reference to RoHS Directive 2015/863:

RoHS Definition:

- Lead (Pb) < 0.1% = < 1,000 ppm
- Mercury (Hg) < 0.1% = < 1,000 ppm
- Cadmium (Cd) < 0.01% = < 100 ppm
- Hexavalent Chromium (Cr VI) < 0.1% = < 1,000 ppm
- Polybrominated Biphenyls (PBB) < 0.1 % = < 1,000 ppm
- Polybrominated Diphenyl Ethers (PBDE) < 0.1% = < 1,000 ppm
- Bis(2-ethylhexyl) phthalate (DEHP) < 0.1% = < 1,000 ppm
- Benzyl butyl phthalate (BBP) < 0.1% = < 1,000 ppm
- Dibutyl phthalate (DBP) < 0.1 % = < 1,000 ppm
- Diisobutyl phthalate (DIBP) < 0.1 % = < 1,000 ppm

Declaration: To the best of our knowledge and due diligence, the part numbers indicated in the following table entries does not contain RoHS restricted substances per the definition above.

PART NUMBER	DESCRIPTION
V15VNA2-T/R,V15VNA2-T/R-A V15VNA2-T/R-RLA,V15VNA2-T/R-A-RLA V15VNA2-T/R-IMD,V15VNA2-T/R-A-IMD V15VNA2-S, V15VNA2-A V15VNA2-S-RLA, V15VNA2-S-A-RLA V15VNA2-T2, V15VNA2-T2-LOA V15VNA2-T, V15VNA2-T-LOA	VNA Module, WR-15 (-A adds 25 dB manual attenuator -RLA & -LOA adds amplifiers to the RF and/or LO path)
V12VNA2-T/R,V12VNA2-T/R-A V12VNA2-T/R-RLA,V12VNA2-T/R-A-RLA V12VNA2-T/R-5694,V12VNA2-T/R-A-5694 V12VNA2-T/R-RLA-5694,V12VNA2-T/R-A-RLA-5694	VNA Module, WR-12 (-A adds 25 dB manual attenuator -RLA & -LOA adds amplifiers to the RF and/or LO path -5694 extends frequency range from 56 GHz to 94 GHz)

PART NUMBER	DESCRIPTION
V12VNA2-T/R-IMD,V12VNA2-T/R-A-IMD V12VNA2-T/R-IMD-5694,V12VNA2-T/R-A-IMD-5694 V12VNA2-S, V12VNA2-A V12VNA2-S-RLA, V12VNA2-S-A-RLA V12VNA2-S-5694, V12VNA2-A-5694 V12VNA2-S-RLA-5694, V12VNA2-S-A-RLA-5694 V12VNA2-T-5694, V12VNA2-T-LOA-5694	VNA Module, WR-12 (-A adds 25 dB manual attenuator -RLA & -LOA adds amplifiers to the RF and/or LO path -5694 extends frequency range from 56 GHz to 94 GHz)
V10VNA2-T/R,V10VNA2-T/R-A V10VNA2-T/R-RLA,V10VNA2-T/R-A-RLA V10VNA2-T/R-67,V10VNA2-T/R-67-A V10VNA2-T/R-67-RLA,V10VNA2-T/R-67-A-RLA V10VNA2-T/R-LP,V10VNA2-T/R-A-LP V10VNA2-T/R-LP-RLA,V10VNA2-T/R-A-LP-RLA V10VNA2-T/R-67-LP,V10VNA2-T/R-67-A-LP V10VNA2-T/R-67-LP-RLA,V10VNA2-T/R-67-A-LP-RLA V10VNA2-T/R-116,V10VNA2-T/R-116-A V10VNA2-T/R-IMD,V10VNA2-T/R-A-IMD V10VNA2-S, V10VNA2-A V10VNA2-S-RLA, V10VNA2-S-A-RLA V10VNA2-S-LP, V10VNA2-A-LP V10VNA2-S-LP-RLA, V10VNA2-S-A-LP-RLA V10VNA2-T2, V10VNA2-T2-LOA V10VNA2-T, V10VNA2-T-67 V10VNA2-T-LOA	VNA Module, WR-10 (-A adds 25 dB manual attenuator -RLA & -LOA adds amplifiers to the RF and/or LO path -LP low power version -67 extends low end frequency range from 75 GHz to 67 GHz -116 extends high end frequency range from 110 GHz to 116 GHz)
V08VNA2-T/R,V08VNA2-T/R-A V08VNA2-T/R-RLA,V08VNA2-T/R-A-RLA V08VNA2-S, V08VNA2-S-A V08VNA2-S-RLA, V08VNA2-S-A-RLA V08VNA2-T, V08VNA2-T-LOA	VNA Module, WR-08 (-A adds 25 dB manual attenuator -RLA & -LOA adds amplifiers to the RF and/or LO path)
V06VNA2-T/R,V06VNA2-T/R-A V06VNA2-T/R-RLA,V06VNA2-T/R-A-RLA V06VNA2-S, V06VNA2-S-A V06VNA2-S-RLA, V06VNA2-S-A-RLA V06VNA2-T, V06VNA2-T-LOA	VNA Module, WR-06 (-A adds 25 dB manual attenuator -RLA & -LOA adds amplifiers to the RF and/or LO path)
V05VNA2-T/R,V05VNA2-T/R-A V05VNA2-T/R-RLA,V05VNA2-T/R-A-RLA V05VNA2-S, V05VNA2-S-A V05VNA2-S-RLA, V05VNA2-S-A-RLA V05VNA2-T, V05VNA2-T-LOA	VNA Module, WR-05 (-A adds 25 dB manual attenuator -RLA & -LOA adds amplifiers to the RF and/or LO path)
V03VNA2-T/R,V03VNA2-T/R-A V03VNA2-T/R-RLA,V03VNA2-T/R-A-RLA V03VNA2-S, V03VNA2-S-A V03VNA2-S-RLA, V03VNA2-S-A-RLA V03VNA2-T, V03VNA2-T-LOA	VNA Module, WR-03 (-A adds 25 dB manual attenuator -RLA & -LOA adds amplifiers to the RF and/or LO path)

PART NUMBER	DESCRIPTION
V02.2VNA2-T/R, V02.2VNA2-T/R-RLA, V02.2VNA2-S, V02.2VNA2-S-RLA V02.2VNA2-T, V02.2VNA2-T-LOA	VNA Module, WR-02.2 (-RLA & -LOA adds amplifiers to the RF and/or LO path)
S19MS, S19MS-A S19MS-AG, S19MS-AG-A	Source Module, WR-19 (-A adds 25 dB manual attenuator)
S15MS, S15MS-A, S15MS-AG, S15MS-AG-A, S15MS-AG-EA1, S15MS- AG-EA2	Source Module, WR-15 (-A adds 25 dB manual attenuator) -EA1 adds 20 dB electronic control attenuator -EA2 adds 40 dB electronic control attenuator
S12MS, S12MS-A, S12MS-AG, S12MS-AG-A, S12MS-AG-EA2P	Source Module, WR-12 (-A adds 25 dB manual attenuator -EA2P adds 40 dB electronic control attenuator)
S10MS, S10MS-A, S10MS-AG, S10MS-AG-A	Source Module, WR-10 (-A adds 25 dB manual attenuator)
S08MS, S08MS-A, S08MS-AG, S08MS-AG-A	Source Module, WR-08 (-A adds 25 dB manual attenuator)
S06MS, S06MS-A, S06MS-AG, S06MS-AG-A	Source Module, WR-06 (-A adds 25 dB manual attenuator)
S05MS, S05MS-A, S05MS-AG, S05MS-AG-A	Source Module, WR-05 (-A adds 25 dB manual attenuator)
S04MS, S04MS-A, S04MS-AG, S04MS-AG-A	Source Module, WR-04 (-A adds 25 dB manual attenuator)
S03MS, S03MS-A, S03MS-AG, S03MS-AG-A	Source Module, WR-03 (-A adds 25 dB manual attenuator)
S02.2MS, S02.2MS-AG	Source Module, WR-02.2
V15CAL, V15CAL1, V15CAL2	Waveguide Calibration Kit, WR-15
V12CAL, V12CAL1, V12CAL2	Waveguide Calibration Kit, WR-12
V10CAL, V10CAL1, V10CAL2	Waveguide Calibration Kit, WR-10
V08CAL, V08CAL1, V08CAL2	Waveguide Calibration Kit, WR-08
V06CAL, V06CAL1, V06CAL2	Waveguide Calibration Kit, WR-06
V05CAL, V05CAL1, V05CAL2	Waveguide Calibration Kit, WR-05
V04CAL, V04CAL1, V04CAL2	Waveguide Calibration Kit, WR-04
V03CAL, V03CAL1, V03CAL2	Waveguide Calibration Kit, WR-03
V02.2CAL, V02.2CAL1	Waveguide Calibration Kit, WR-02.2
V15WG2, V12WG2, V10WG2, V08WG1, V06WG1, V05WG1, V03WG1, V02.2WG1	Waveguide Section
V15AT20, V12AT20, V10AT20, V08AT10, V06AT10, V05AT10	Waveguide Attenuator (20 dB & 10 dB variants)
M28HWD, M28HWDX	Harmonic Mixer, WR-28
M22HWD, M22HWDX	Harmonic Mixer, WR-22
M19HWD, M19HWDX	Harmonic Mixer, WR-19
M15HWD, M15HWDX	Harmonic Mixer, WR-15
M12HWD, M12HWDX	Harmonic Mixer, WR-12
M10HWD, M10HWDX	Harmonic Mixer, WR-10
M08HWD, M08HWDX	Harmonic Mixer, WR-08
M06HWD, M06HWDX	Harmonic Mixer, WR-06
M05HWD, M05HWDX	Harmonic Mixer, WR-05

PART NUMBER	DESCRIPTION
M04HWD, M04HWDX	Harmonic Mixer, WR-04
M03HWD, M03HWDX	Harmonic Mixer, WR-03
2378H231	Harmonic Mixer Kit with horn antenna, WR-19, WR-12, WR-08, WR-05
M28H2ADC, M28H2ADC-K, M28H6ADC, M28H6ADC	Harmonic Mixer Module, WR-28
M22H4ADC	Harmonic Mixer Module, WR-22
M19H4ADC	Harmonic Mixer Module, WR-19
M15H6DC, M15H6ADC, M15H4ADC	Harmonic Mixer Module, WR-15
M12H6DC, M12H6DC5696 M12H6ADC, M12H6ADC5696	Harmonic Mixer Module, WR-12
M10H8ADC	Harmonic Mixer Module, WR-10
DPL26, DPL313B, DPL518, DPL818, DPL921, DPL1731	Diplexer
V00DCCC0, V00DCCC1	DC Adapter
V00DCBC1, V00DCBC2	DC Power Cable, Dual Banana Plug to 7 Pin Circular Bayonet Plug, 1 meter & 2 meter, respectively
V00DCDC2	DC Power Cable for Keysight PSG, 2 meters
V00DCUSBS1	DC Power Cable, USB(m) to 90° SMB(f), 12" Lg
V00LOIF	RF Cable, SMA (m/m), 3 ft
M00IF	IF Test Cable, SMA (m/m), 5 in
M28RH, M22RH, M19RH, M15RH, M12RH, M10RH, M08RH, M06RH, M05RH, M04RH, M03RH, M02.2RH	Horn Antenna
M00NMSM	Adapter, Type-N(m) to SMA(m)
M00SMSF	Adapter, SMA(m) to SMA(f)
M00SM2.4F	Adapter, SMA(m) to 2.4mm(f)
M00DLP	Adapter, SMA(m/m)
VDCPW12-3	AC Adapter, 12VDC, 3A
VDCPW12-5	AC Adapter 12VDC, 5A
VDCPW9-4	AC Adapter 9VDC, 4A