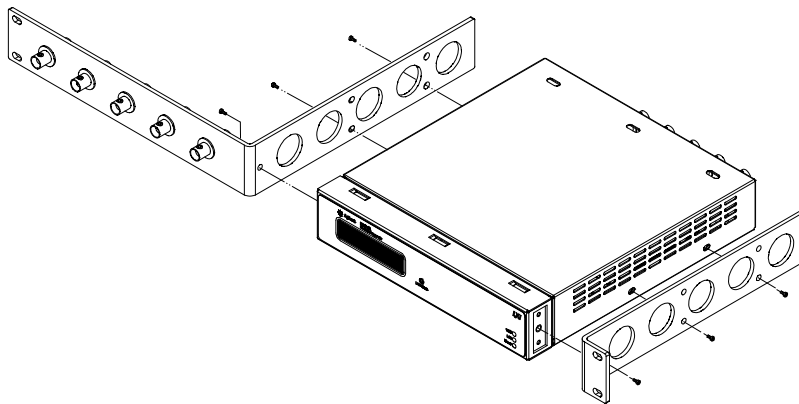# Agilent E5818 LXI Class-B Trigger Box

Rack Mount Installation Note

One rack mount kit contains the hardware to mount a single E5818 onto full rack with BNC connections on the front.

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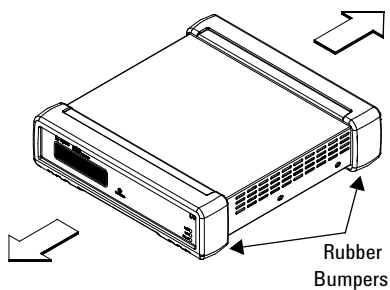# Rack Mounting Single E5818 (see other side to rack mount two E5818s)

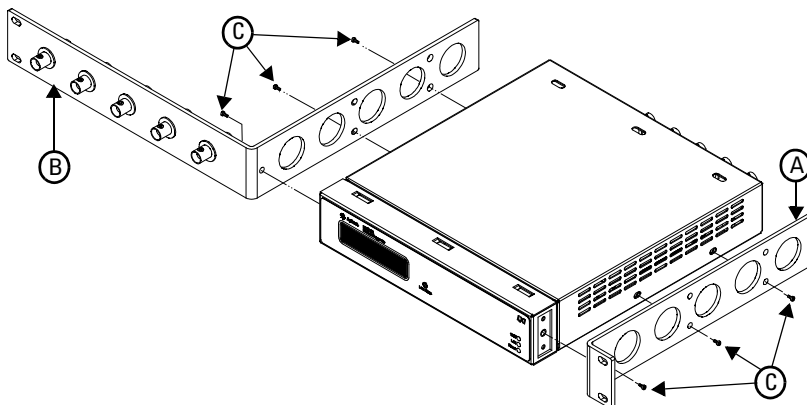|		Parts needed to install a single E5818 in a rack:					
A	E5810-00021	Rack Ear - Full Pack	1	**D**	0570-1581	Screw, Machine	4
B	E5818-61200	Rack Ear - Half Rack with BNC	1	**E**	0590-0804	Nut, Machine	4
C	0515-1114	Screw, Panhead, M4x10	6	**F**	8120-1839	Coaxial BNC Cables	5

NOTE There will be an offset of 3.2 ns when a coaxial BNC cable of approximately 610 mm length is connected.
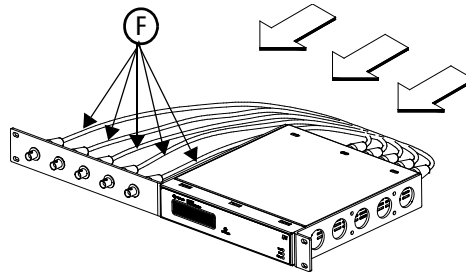
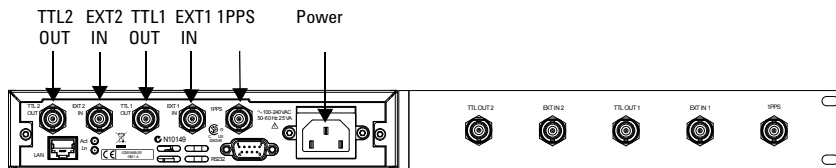1. Remove both rubber bumpers from the E5818.

Rubber Bumpers

2. Using Pozidriv screwdriver, attach Rack Ear-Half Rack (B) to the right side of the E5818 with three M4x10 Panhead Screws (C).

3. Using Pozidriv screwdriver, attach Rack Ear-Full Rack (A) to the E5818 with three M4x10 Panhead Screws (C).

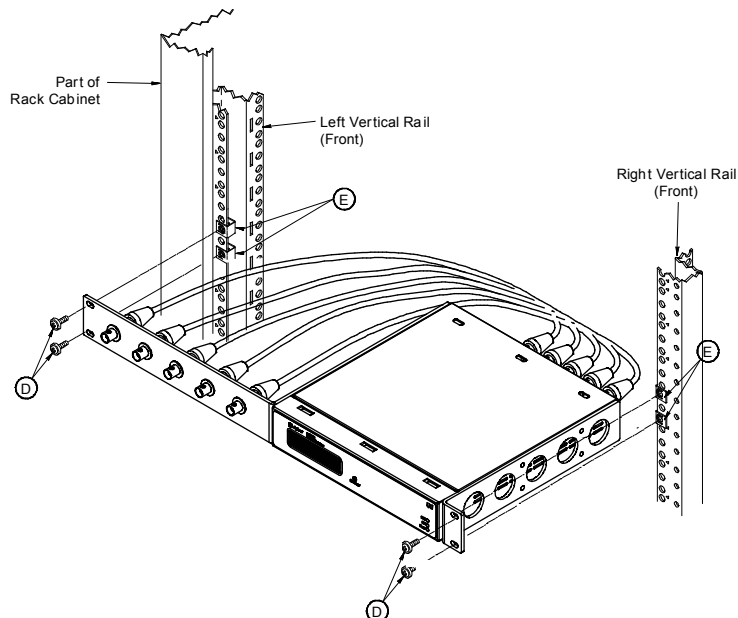4. Connect BNC cables (F). Plug AC Power Cord into AC Power port and the E5818.

Rear View of the E5818

TTL2 EXT2 TTL1 EXT1 1PPS   Power
OUT IN OUT IN

Connect BNC cables from TTL2 out in the unit to TTL OUT 2 in the rack mount kit. Repeat the connection for other BNC connectors.

5. Using Philips screwdriver, attach Rack Ears to rack with four Machine Screws (D) and four Machine Nuts (E).

Part of Rack Cabinet

Left Vertical Rail (Front)

Right Vertical Rail (Front)

3

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