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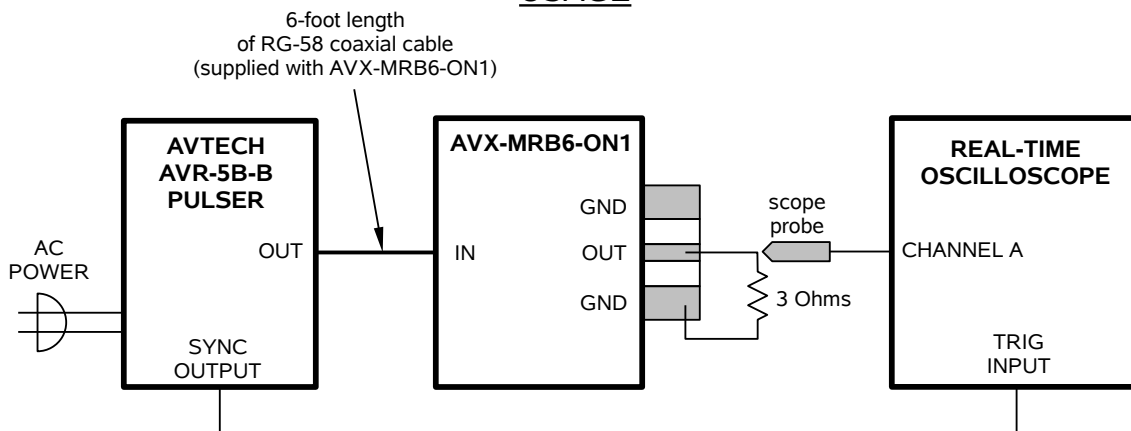
INSTRUCTIONS

MODEL AVX-MRB6-ON1

SPECIFICATIONS

Model:	AVX-MRB6-ON1
Maximum input:	400V, 8A
Maximum output:	100V, 32A
Function:	current-quadrupling
Max. pulse width:	1 us
Impedance:	50 to 3 Ohms
Rise time (20%-80%):	≤ 20 ns
Droop (max):	< 5%
Dimensions: (H x W x D)	43 mm x 76 mm x 76 mm (1.7" x 3.0" x 3.0")
Connectors:	In: BNC Out: 1 cm microstrip PCB

USAGE



Notes:

1. The 6-foot coaxial cable is required, in order to meet the rise time specification. Shorter lengths may introduce reflections that degrade the rise time.
2. A Type-N-to-BNC adapter may be required on the pulser-to-transformer coaxial cable.
3. The 3 Ohm load should be soldered between the OUT and GND pads. Use limited heat to avoid de-laminating the circuit board.