

76B76/3M

Description: Standard general purpose 3"x3" NaI(Tl) Scintillation detector.

Scintillation crystal	:	NaI(Tl), Ø76 x 76 mm.
Drawing	:	VS-0013-2.
Photomultiplier tube	:	Ø76 mm, ET 9305 or eq.
Housing	:	0.5 mm aluminum.
Magnetic shielding	:	0.63 mm around PMT.
Dimensions	Length	: 223 mm.
	Diameter	: 83.2 mm.
Connections	:	14-pins suited for JEDEC B14-38.
Temperature range	:	-20 °C to +65 °C
Energy range	:	20 keV – 3 MeV



Performance

Energy resolution	:	< 7.5% FWHM @ 662 keV.
Gain stability	:	< 1.0% over 24 h at 20 °C.
Typical high voltage	:	500 – 1100 V.

