



Part Number Convention:

(___) (___) - (_____) (___) (___ / ___) - (_) (_____ / _____)
 Material Application Aperture Length Orientation side Coating wavelengths

Material

Lithium Triborate LBO

Application

Second Harmonic Generation SHG
 Sum Frequency Mixing SFM

Aperture

2.0 x 2.0 mm² 020020
 9.0 x 9.0 mm² 090090

Crystal Length (mm)

5.0 050
 20.0 200

Orientation

Theta/phi 90.0-23.5

Side

Entrance 1
 Exit 2

Coating Wavelength

Single Band AR SBAR/1064
 Dual Band AR DBAR/1064+532
 Triple Band AR TBAR/1064+532+355

Example:

LBO, Sum Frequency Mixing, 60x60x17mm, 42.7/90, Side 1 Dual Band AR Coating for 1064+532nm, side 2 Triple Band AR for 1064+532+355nm

(LBO)(SFM)-(600600)(170)(42.7/90)-(1)(DBAR/1064+532)(2)(DBAR/1064+532+355)