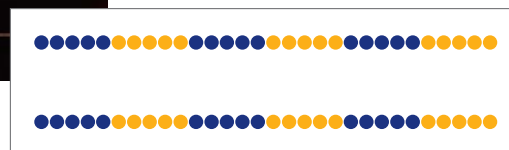
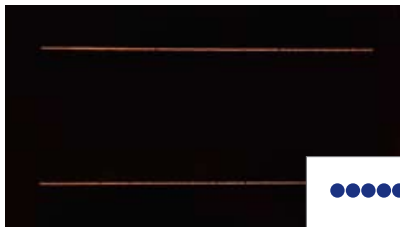
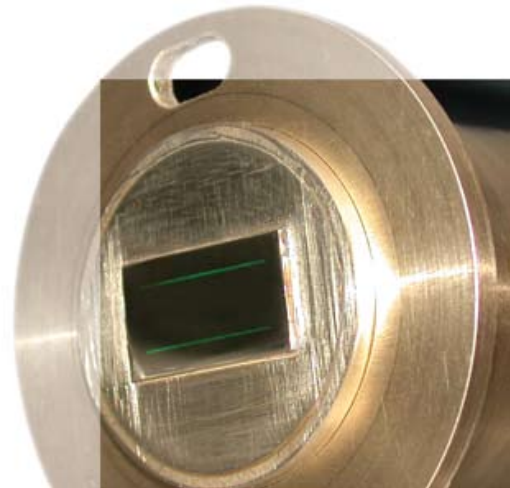


MAPPED ASSEMBLIES

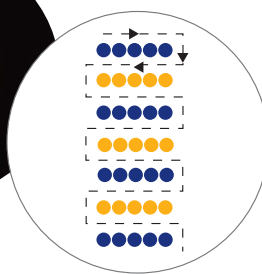
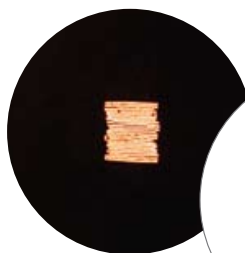


FEATURES

- assembly for medical imaging
- 460 fibers, 40μm core
- successive layers within 2D array mapped into segments within 2 parallel linear arrays



*View of the ferrule with
2 parallel linear arrays*



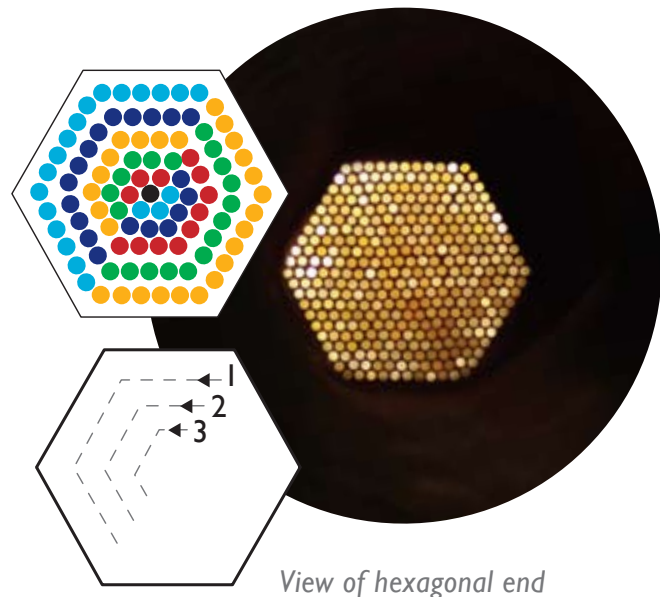
*View of the ferrule
with 2D array;
actual array dimensions
1.2 x 1.4 mm*

MAPPED ASSEMBLIES

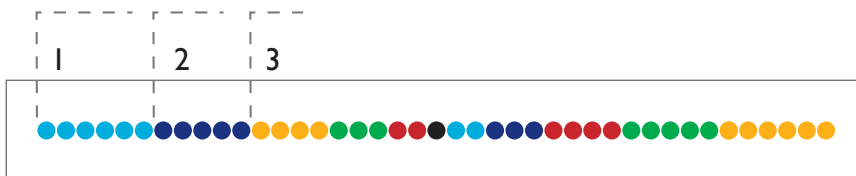


FEATURES

- bundle of 300 fibers, 100 μ m core, for sensing application
- fibers from successive layers within hexagonal end arranged along the linear array
- fibers in linear array spaced 400 μ m apart
- 3 broken fibers (maximum allowed: 6)



View of hexagonal end



View of the linear end

〒108-0071

東京都港区白金台5-13-26-501

オプトワークス株式会社

TEL. : 03-3445-4755

メールアドレス : sales@opto-works.co.jp

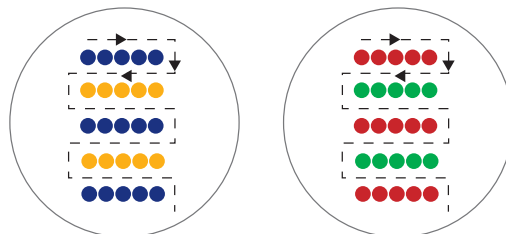
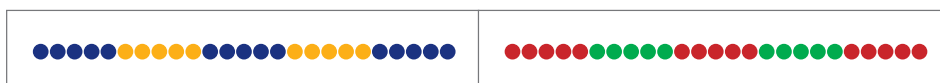
MAPPED ASSEMBLIES



FEATURES

- bifurcated assembly for astronomical imaging
- 338 fibers, 17 μ m core
- successive layers within 1.2 mm square 2D array mapped into segments within linear arrays

View of the ferrule with 2 linear arrays



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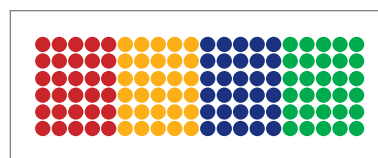
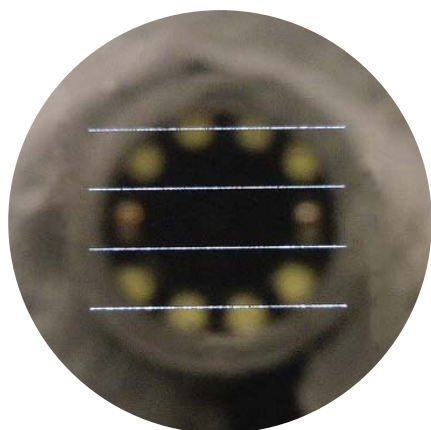
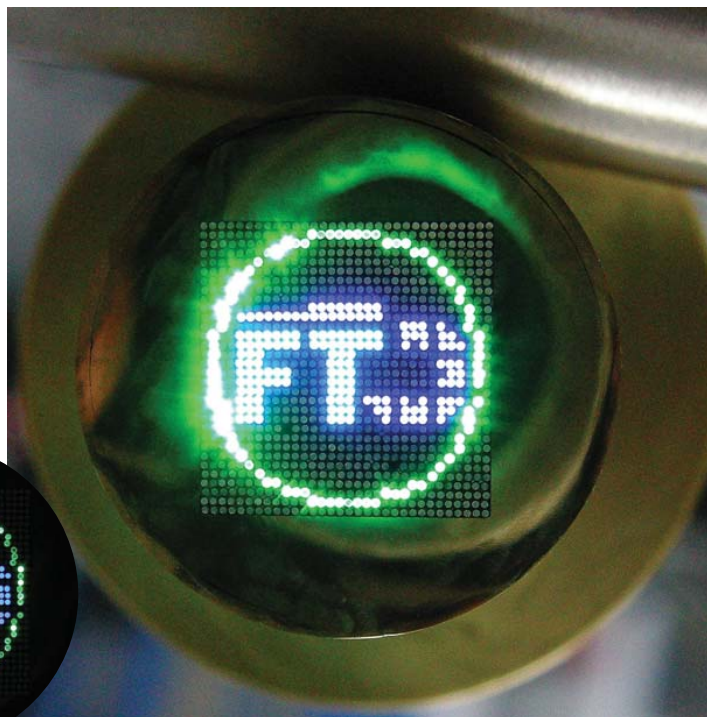
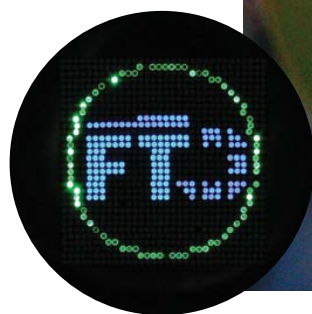
メールアドレス : sales@opto-works.co.jp

MAPPED ASSEMBLIES



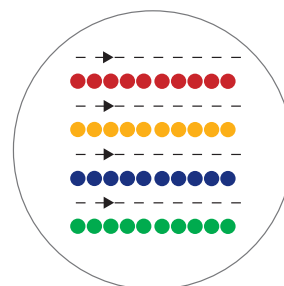
FEATURES

- 32 x 32 square array of 200 μ m fibers
- fibers mapped into 4 branches representing company logo



FEATURES

- assembly for medical imaging
- 648 fibers, 50 μ m core
- successive layers within 2D array mapped into segments within 4 parallel linear arrays

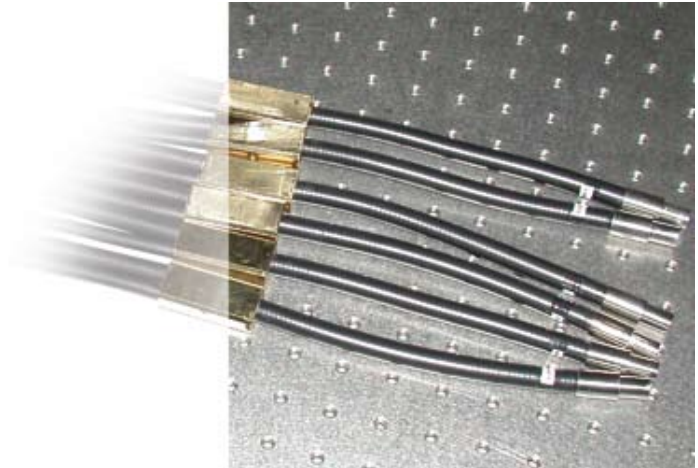


FIBER BUNDLES



FEATURES

- any number of branches
- randomized
- standard all silica, PCS or HCS fibers;
glass fiber bundles
- standard or custom designed ferrules
- various tubing



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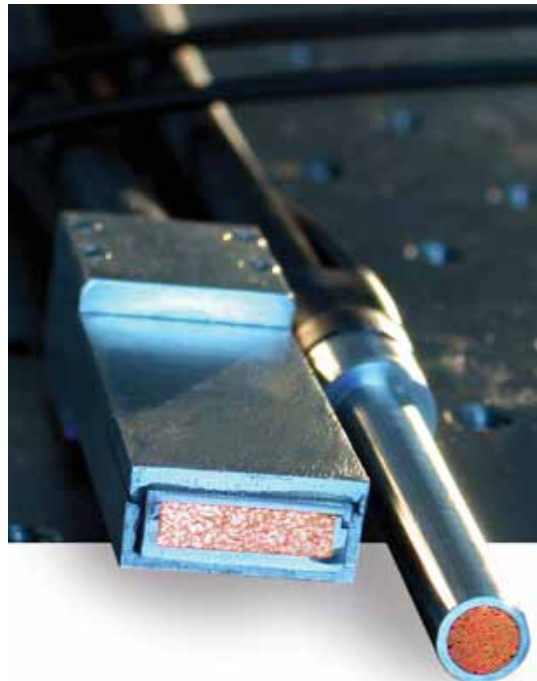
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CUSTOM BUNDLES



FEATURES

- complex assembly of 1500 fibers
- fibers randomized among branches
- 200μm core fibers



RECTANGULAR AND ROUND BRANCHES CLOSE-UP

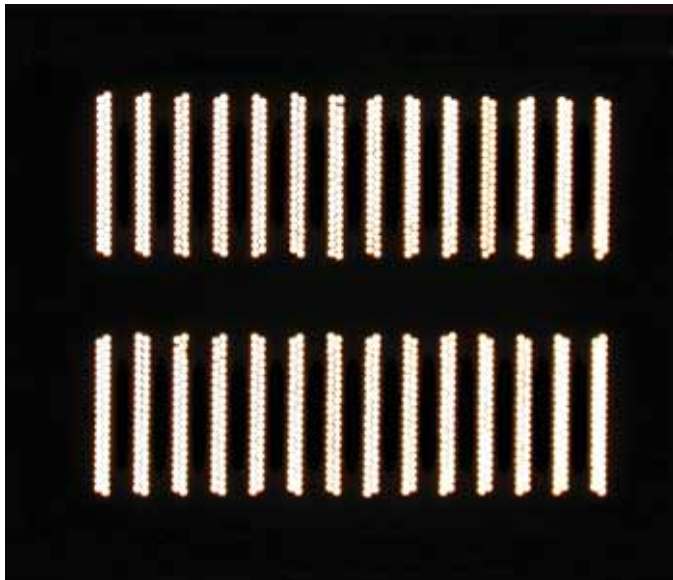
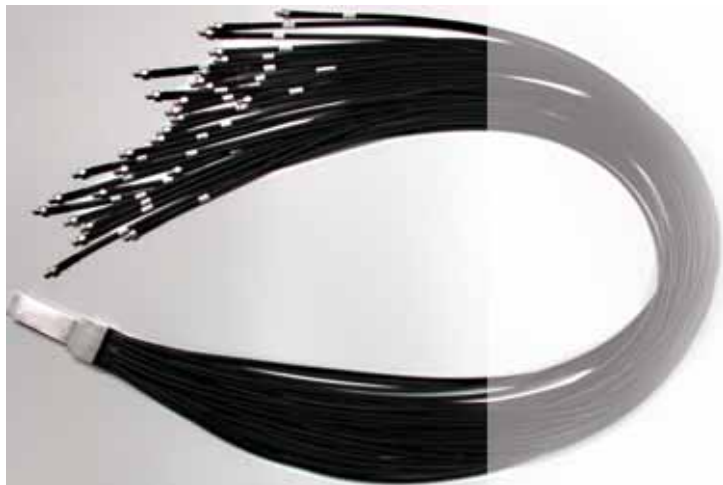
- very good “salt & pepper” mixing pattern
- tightly packed

CUSTOM BUNDLES



FEATURES

- 1148 fibers, divided into 28 channels
- 200 μ m core fibers, solarization resistant
- custom designed housing



COMMON END DETAIL

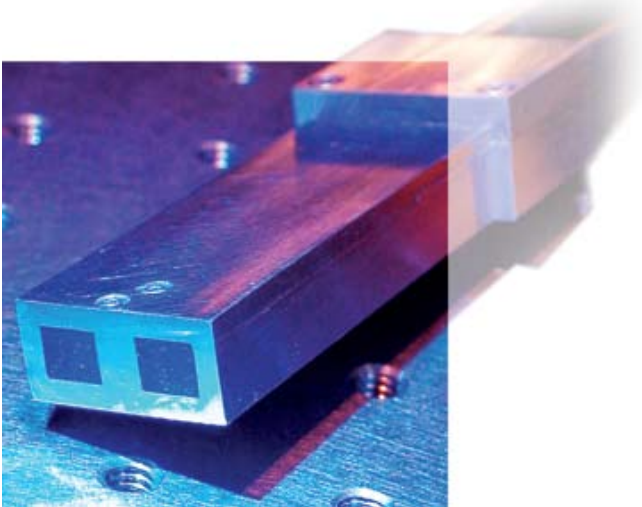
- 28 slits of 41 fibers each
- face dimensions: 21 x 15 mm
- very tight tolerances
- EDM machined parts

RECTANGULAR BUNDLES



FEATURES

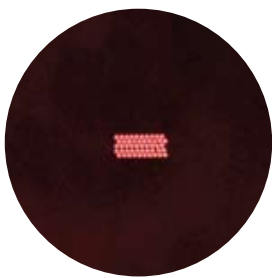
- single or multi-branch
- arbitrary geometries and fiber distributions
- precise fiber spacing
- large fiber counts



*Custom designed double
6 x 7 mm array of 700 fibers
200µm core*



*Tightly packed array of 221 fibers;
stripped buffer to maximize efficiency*



*Linear array of 50 fibers
converted to 5 x 10
array; stripped buffer*



*Rectangular array of 36 fibers,
100µm core; stripped buffer*