CUSTOM PROBES

PROBES
• single or multi-branch
• arbitrary geometries and fiber distributions
• custom end pieces
• application-specific design

Multi-branch probe incorporating both 100 and 200µm core fibers in a custom handpiece
CUSTOM PROBE TIPS

MAPPED OR STRUCTURED
- single or multi-branch
- arbitrary geometries and fiber distributions
- precise fiber spacing
- large fiber counts
- additional optical elements

Specialized reflectance probe

Custom illumination bundle featuring mapping into four branches

Array of various fiber sizes
CUSTOM PROBE TIPS

TIGHTLY PACKED BUNDLES
• single or multi-branch
• arbitrary geometries and fiber distributions
• large fiber counts
• stripped of buffer to increase efficiency

Bundle of 37 fibers, 100µm each, stripped buffer

Concentric bundle
Center: 7 fibers, 50µm core
Outer ring: 10 spaced fibers, 100µm core

Bundle of 61 fibers, 200µm each, tight hexagonal pattern

Bundle of 31 fibers, 100µm each, mapped
CUSTOM PROBE TIPS

LINEAR ARRAYS
- small fiber core sizes (<50µm)
- buffer stripped to increase efficiency
- tightly packed or spaced

Array of 50µm fibers inside SMA connector
KEYED FERRULES
• array aligned to the key surface
• tightly packed fibers, 200µm core
RECTANGULAR TIP

FEATURES
• small form factor
• tightly packed rectangular array