

3x3, 1x3, 2x2, 1x2, Speciality Fiber Couplers

Recent surges in the use of High Numerical Aperture (NA) fiber for speciality applications have led Feasa to introduce this range of high NA fiber couplers. High NA fiber has low bend attenuation compared to standard singlemode fiber. It has application anywhere the fiber needs to be tightly coiled or is subject to sharp bends or twists. For different systems many coupler types are available. Detailed specifications to suit your application are available on request.



APPLICATIONS

- Fiber Gyroscopes
- Long Haul Telecommunications
- FTIL LAN CATV PONs
- Fiber Sensors
- Fiber Test and Measurement

FEATURES

- Low Insertion Loss
- Excellent Environmental Stability
- Long Term Reliability
- Available Sleeved and Connectorised if required
- Compact Design

SPECIFICATIONS

Parameter	Specification
Configuration	3x3, 1x3, 2x2, 1x2
Fiber Type	9/125/250 Singlemode
Fiber pigtail length	>800mm
Package Size	63mm x 3mm diameter Miniature 45mm x 3mm diameter
Directivity	< -65dB

ORDERING INFORMATION

SPC - AA - B - CC - DD - E

Coupler Type (A)

- W3 = Single Wavelength 1310nm
- W5 = Single Wavelength 1550nm
- F3 = Wavelength Flat 1310nm
- F5 = Wavelength Flat 1550nm
- W3 = Dual Wavelength

Grade (B)

- A = Top
- B = Economy

Coupling Ratio (CC)

1% to 50%

Port Configuration (DD)

- 12 = 1 X 2
- 22 = 2 X 2
- 13 = 1 X 3
- 33 = 3 X 3

Package (EE)

- S = Standard (63mm)
- M Miniature (45mm)
- U = Ultra Miniature (35mm)