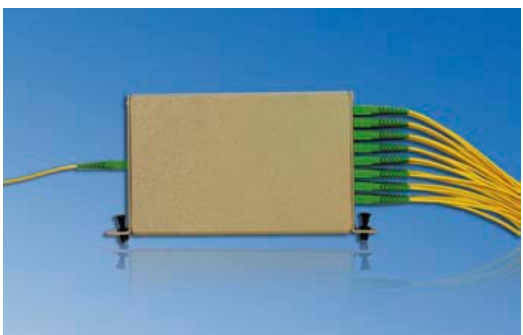


Planar splitter

OPTRONICS

Planar splitter

FibreFab planar splitters are used to provide a compact and reliable method to split the optical signal. Splitters are available with upto 64 outputs and are an ideal solution for CATV and passive optical networks. As with all FibreFab products these have excellent uniformity and low PDL. These splitters can be supplied in a range of packaging options and terminated in all standard connector styles.



Applications

- ▶ PON
- ▶ DWDM and CWDM systems
- ▶ CATV
- ▶ Instrumentation Sensors

Features

- ▶ Up to 64 output ports
- ▶ Advanced planar technology
- ▶ Custom design packaging
- ▶ Low loss and PDL
- ▶ Easy to manage
- ▶ Designed to meet Telcordia GR1209 and GR1221 standards

Packaging and Capability

The FibreFab range of couplers are fabricated in a world class manufacturing facility fully equipped with clean rooms and cutting edge fabrication equipment. This facility has the capability to manufacture over 1M couplers per annum.

FibreFab splitters are available with various packaging options and a variety of connector options to meet customer requirements.

Specifications

Parameter		1x8	1x16	1x32
Wavelength Range	nm	1260 - 1650		
Max Insertion Loss*	dB	10.6	13.8	17.0
Uniformity	dB	0.6	0.9	1.1
Polarization Dependent Loss	dB	0.2	0.2	0.3
Backreflection	dB	> 60		
Operating Temperature	°C	-40 to +85		
Dimensions (LxWxH)	mm	40X4X4	42x5x4	50x7x4

* Values given are maximum, please contact FibreFab for typical and minimum values.

Telcordia testing is ongoing and GR1209 will be met in summer 2006 and GR1221 in autumn this year. Products sold before this date will be designed to meet 1209 and 1221.