

## Splitters for Matrix HD Tray™ and other applications – Matrix GigaSplit HD™

Matrix GigaSplit™ HD range of PLC and FBT splitters are designed to fit in the HD Tray range of ODF trays and offer excellent performance while retaining a small fitting foot print.

- Designed to meet Telcordia GR-1209 and GR1221
- All connector types available including LC, SC, and FC, ST and MU or no connector for splicing.
- All fibre types G652-G657 available
- Fibre cladding dimensions available or bare fibre
- Low insertion loss
- Excellent Uniformity
- Variable split values
- Halogen free and flame-retardant (UL94 V-0)



### Typical Values for 6x2 Splitter without connector

Please ask for other variants

Coupling Ratio	80%:10%:10%
Operating Wavelength and Bandwidth(nm)	1310/1550±40
Return Loss(dB)	≥55
Directivity(dB)	≥55
Operating Temperature	-20°Cto+70°C
Storage Temperature	-40°Cto+85°C
Port Configuration	2X6
Package Dimension(mm)	70x10x8
Connector	To suit

Main Specifications	Input			
	IL(dB) @1310nm	PDL(dB) @1310nm	IL(dB) @1550nm	PDL(dB) @1550nm
	InA---->OutA1	2.48	0.01	2.40
InA---->OutA2	7.40	0.02	7.30	0.02
InA---->OutA3	7.41	0.03	7.19	0.02
InB---->OutB1	2.53	0.02	2.38	0.04
InB---->OutB2	7.64	0.04	7.47	0.03
InB---->OutB3	7.54	0.03	7.47	0.03

Connector performance IL Max 0.3dB RL UPC ≥45 APC ≥55-≥60dB

This document subject to change without notice.