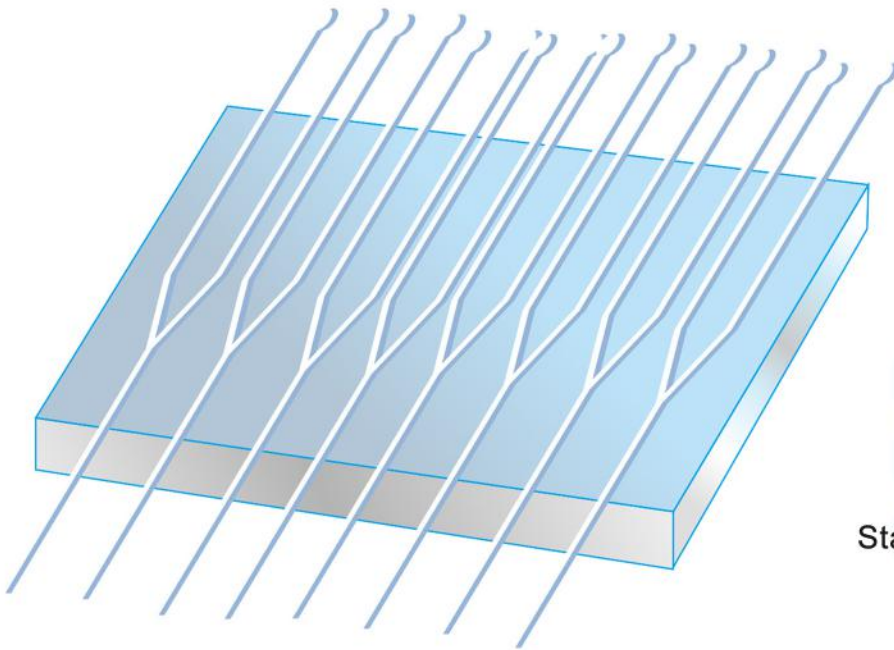


# PLC Splitter Array

8x(1x2)

6x(1x2)



## Compact Design of Chip Array

### Size Comparison

New	8x(1x2)   8.5mmx2.7mmx2.0mm
New	6x(1x2)   8.5mmx2.2mmx2.0mm
Standard	1x2   10.0mmx2.0mmx2.0mm

### Features

- Compact design for larger scale integration
- Automatic alignment, higher reliability and stability
- Low insertion loss, low PDL good channel uniformity
- Pass Telcordia GR-1209-Core and GR-121-Core reliability test
- RoHS compliance

### Applications

- Telecom net work monitoring applications
- PON system
- FTTx Network
- CATV System

# Products with PLC Chip Array

8x(1x2)  
PLC/MTP-MTP

8x(1x2)  
PLC / SC-LC Breakout

6x(1x2)  
PLC / MTP-LC

Parameter		Specification	Unit
Type		8x(1x2) or 6x(1x2)	-
Operating Wavelength		1260-1650	nm
Insertion Loss	Typical	4.0	dB
	Max	4.2	dB
Return Loss	Min	50	dB
	Max	55	dB
Directivity		Min	55
Polarization Dependent Loss		Max	0.2
Uniformity		Max	0.6 for single splitter
Fiber coating type		G.657A1 other type available	-
Fiber coating color		Customized	-
Fiber length		1.0 or customized	mm
Operating Temperature		-40/+85	°C
Storage Temperature		-40/+85	°C
Package			
900um loose tube		60x12x4	mm
Splitter housing material		Stainless Steel	-
Input & Output Connector		None, FC, SC, LC, MTP or on request	-