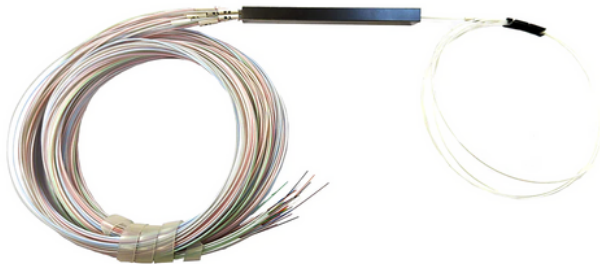


## PLC Splitters

Mini Type PLC Splitter are Integrated waveguide optical power distribution devices that split a signal into two or more outputs. The splitter is a metallic body that can contain multiple input and output ends. These can be used in many different passive optical networks (like EPON, GPON, BPON, FTTX, FTTH, etc). Available in a variety of ratios and connector types, including bare ends. Supplied with 2m length fibres at both ends.



| Parameter                           | Common Specification     |
|-------------------------------------|--------------------------|
| Wavelength Range (nm)               | 1260-1650                |
| Port Wavelength Range (nm)          | 1310±20/1490 ±10/1550±25 |
| Return Loss (dB)                    | ≤-55                     |
| Directivity (dB)                    | ≤-55                     |
| Max. Optical Power Input Level (mW) | 500                      |
| Operation Temperature (°C)          | -40°~85°C                |
| Storage Temperature (°C)            | -40°~85°C                |
| Port Display                        | Mark label               |

| Optical Parameters | 1x2     | 1x4     | 1x8       | 1x16      | 1x32      |
|--------------------|---------|---------|-----------|-----------|-----------|
| IL (P/S)           | 3.8/4.0 | 7.2/7.4 | 10.3/10.7 | 13.5/13.7 | 16.5/16.9 |
| Uniformity         | <0.4    | <0.6    | <0.8      | <1.0      | <1.5      |
| Return Loss        | ≤-55    | ≤-55    | ≤-55      | ≤-55      | ≤-55      |
| Directivity        | ≤-55    | ≤-55    | ≤-55      | ≤-55      | ≤-55      |
| PDL                | ≤-0.3   | ≤-0.3   | ≤-0.3     | ≤-0.3     | ≤-0.3     |

| Product Code         | Ratio | Connector Type | Jacket Buffering |
|----------------------|-------|----------------|------------------|
| CS-09-LC-1x2-900UM   | 1:2   | LC             | 900uM            |
| CS-09-LCA-1x2-900UM  | 1:2   | LC/APC         | 900uM            |
| CS-09-SC-1x2-900UM   | 1:2   | SC             | 900uM            |
| CS-09-SCA-1x2-900UM  | 1:2   | SC/APC         | 900uM            |
| CS-09-XX-1x2-900UM   | 1:2   | Bare Ends      | 900uM            |
| CS-09-LC-1x2-250UM   | 1:2   | LC             | 250uM            |
| CS-09-LCA-1x2-250UM  | 1:2   | LC/APC         | 250uM            |
| CS-09-SC-1x2-250UM   | 1:2   | SC             | 250uM            |
| CS-09-SCA-1x2-250UM  | 1:2   | SC/APC         | 250uM            |
| CS-09-XX-1x2-250UM   | 1:2   | Bare Ends      | 250uM            |
| CS-09-LC-1x8-900UM   | 1:8   | LC             | 900uM            |
| CS-09-LCA-1x8-900UM  | 1:8   | LC/APC         | 900uM            |
| CS-09-SC-1x8-900UM   | 1:8   | SC             | 900uM            |
| CS-09-SCA-1x8-900UM  | 1:8   | SC/APC         | 900uM            |
| CS-09-XX-1x8-900UM   | 1:8   | Bare Ends      | 900uM            |
| CS-09-LC-1x8-250UM   | 1:8   | LC             | 250uM            |
| CS-09-LCA-1x8-250UM  | 1:8   | LC/APC         | 250uM            |
| CS-09-SC-1x8-250UM   | 1:8   | SC             | 250uM            |
| CS-09-SCA-1x8-250UM  | 1:8   | SC/APC         | 250uM            |
| CS-09-XX-1x8-250UM   | 1:8   | Bare Ends      | 250uM            |
| CS-09-LC-1x16-900UM  | 1:16  | LC             | 900uM            |
| CS-09-LCA-1x16-900UM | 1:16  | LC/APC         | 900uM            |
| CS-09-SC-1x16-900UM  | 1:16  | SC             | 900uM            |
| CS-09-SCA-1x16-900UM | 1:16  | SC/APC         | 900uM            |
| CS-09-XX-1x16-900UM  | 1:16  | Bare Ends      | 900uM            |
| CS-09-LC-1x16-250UM  | 1:16  | LC             | 250uM            |
| CS-09-LCA-1x16-250UM | 1:16  | LC/APC         | 250uM            |
| CS-09-SC-1x16-250UM  | 1:16  | SC             | 250uM            |
| CS-09-SCA-1x16-250UM | 1:16  | SC/APC         | 250uM            |
| CS-09-XX-1x16-250UM  | 1:16  | Bare Ends      | 250uM            |
| CS-09-LC-1x32-900UM  | 1:32  | LC             | 900uM            |
| CS-09-LCA-1x32-900UM | 1:32  | LC/APC         | 900uM            |
| CS-09-SC-1x32-900UM  | 1:32  | SC             | 900uM            |
| CS-09-SCA-1x32-900UM | 1:32  | SC/APC         | 900uM            |
| CS-09-XX-1x32-900UM  | 1:32  | Bare Ends      | 900uM            |
| CS-09-LC-1x32-250UM  | 1:32  | LC             | 250uM            |
| CS-09-LCA-1x32-250UM | 1:32  | LC/APC         | 250uM            |
| CS-09-SC-1x32-250UM  | 1:32  | SC             | 250uM            |
| CS-09-SCA-1x32-250UM | 1:32  | SC/APC         | 250uM            |
| CS-09-XX-1x32-250UM  | 1:32  | Bare Ends      | 250uM            |
| CS-09-LC-2x16-900UM  | 2:16  | LC             | 900uM            |
| CS-09-LCA-2x16-900UM | 2:16  | LC/APC         | 900uM            |
| CS-09-SC-2x16-900UM  | 2:16  | SC             | 900uM            |
| CS-09-SCA-2x16-900UM | 2:16  | SC/APC         | 900uM            |
| CS-09-XX-2x16-900UM  | 2:16  | Bare Ends      | 900uM            |
| CS-09-LC-2x16-250UM  | 2:16  | LC             | 250uM            |
| CS-09-LCA-2x16-250UM | 2:16  | LC/APC         | 250uM            |
| CS-09-SC-2x16-250UM  | 2:16  | SC             | 250uM            |
| CS-09-SCA-2x16-250UM | 2:16  | SC/APC         | 250uM            |
| CS-09-XX-2x16-250UM  | 2:16  | Bare Ends      | 250uM            |
| CS-09-LC-2x32-900UM  | 2:32  | LC             | 900uM            |
| CS-09-LCA-2x32-900UM | 2:32  | LC/APC         | 900uM            |
| CS-09-SC-2x32-900UM  | 2:32  | SC             | 900uM            |
| CS-09-SCA-2x32-900UM | 2:32  | SC/APC         | 900uM            |
| CS-09-XX-2x32-900UM  | 2:32  | Bare Ends      | 900uM            |
| CS-09-LC-2x32-250UM  | 2:32  | LC             | 250uM            |
| CS-09-LCA-2x32-250UM | 2:32  | LC/APC         | 250uM            |
| CS-09-SC-2x32-250UM  | 2:32  | SC             | 250uM            |
| CS-09-SCA-2x32-250UM | 2:32  | SC/APC         | 250uM            |
| CS-09-XX-2x32-250UM  | 2:32  | Bare Ends      | 250uM            |