

1 SAT IF distribution equipment

Modular optical PLC splitters

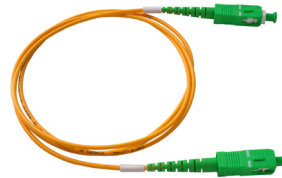
- optical splitters for single mode fiber application
- good spectral uniformity
- wide wave length bandwidth
- high reliability
- small size
- connectors: optical - SC/APC



Technical specifications

| T Y P E | | so414 | so418 | so424 |
|-------------------------------------|---------------|-----------------------|----------------|----------------------|
| Ordering number | | 02876 | 02877 | 02878 |
| Splitter | | 1x4 | 1x8 | 1x4+1x4 |
| Operating wavelength | | | 1260-1650 nm | |
| Insertion loss | typical | 7.0 dB | 10.2 dB | 7.0 dB |
| | maximum value | 7.5 dB | 10.7 dB | 7.5 dB |
| Loss uniformity | | ≤ 0.6 dB | ≤ 0.8 dB | ≤ 0.6 dB |
| Return loss | | ≥ 50 dB | ≥ 50 dB | ≥ 50 dB |
| Wave length dependent loss | | ≤ 0.3 dB | ≤ 0.3 dB | ≤ 0.3 dB |
| Directivity | | | ≥ 55 dB | |
| Temperature stability -20 to +70° C | | | ≤ 0.4 dB | |
| Optical input power, max. | | | 300 mW | |
| Operating temperature range | | | -20° ÷ + 50° C | |
| Dimensions/Weight (packed) | | 36x198x116 mm/0.65 kg | | 36x198x116 mm/0.7 kg |

Optical Patch Cords



Technical specifications

| T Y P E | PCO-2SC/APC-0.5 | PCO-2SC/APC-1 |
|-----------------|-----------------|---------------|
| Ordering number | 02879 | 02880 |
| Connector type | | SC/APC |
| Insertion loss | | ≤ 0.3 dB |
| Return loss | | ≥ 60 dB |
| Fiber type | | SMF 2.0 mm |
| Fiber length | 0.5 m | 1 m |