

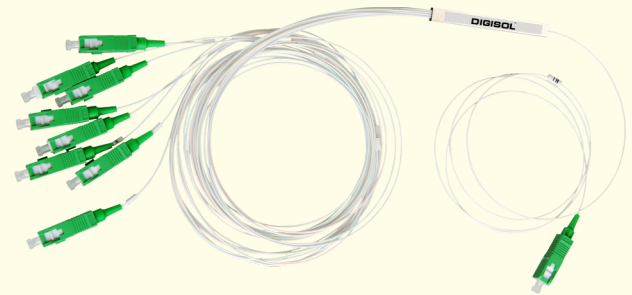


# STRUCTURED CABLING SYSTEMS

## DIGISOL FTTH Splitters, TubeType

### Introduction:-

DIGISOL offers a variety of Tube type splitter modules and products. PLC Splitter Modules are available in the form of 900µM block type. DIGISOL PLC splitter family features the whole series of 1 x N and 2 x N splitter modules that are tailored for specific applications. All splitters provide excellent optical performance and reliability that meet GR-1221-CORE and GR-1209-CORE specifications.



### Key Features:-

- Low insertion loss
- Low Polarization Dependent Loss
- High Reliability
- High Return Loss and good Repeatability
- Wide wavelength range
- Excellent channel to channel uniformity
- Excellent Environmental Stability
- Excellent Mechanical Stability
- Telcordia GR-1221 and GR-1209

### Applications:-

- Fiber to The Point (FTTX)
- Fiber to The Home (FTTH)
- Passive Optical Networks (PON)
- Gigabit Passive Optical Networks (GPON)
- LAN, WAN Metro Networks
- Cable Television (CATV)
- Fiber Optic Test Equipment
- Database Transmit Broadband Net

### Technical Specifications:-

- Wavelength (nm) : 1260~1650
- Return Loss (dB) : >=50
- Directivity (dB) : >=55
- Operating Temperature(Degree C) : -40 ~ +85
- 1x2, 1x4, 1x8, 1x16, 1x32, 1x64 splits
- 2x2, 2x4, 2x8, 2x16, 2x32, 2x64 splits
- Bare/Connectorized
- Fiber jacketing outside boxes 2mm
- Metallic tube type module
- SC/UPC, SC/APC, LC/UPC, LC/APC, FC/UPC, FC/APC, ST/UPC connector options
- Custom connector configurations and combinations

### Ordering Information:-

| Part Codes     | Description  |
|----------------|--|
| DGF-STSSCP1-2  | DIGISOL Splitters Tube Type, SM, SC, PC Type, 1X2  |
| DGF-STSSCP1-4  | DIGISOL Splitters Tube Type, SM, SC, PC Type, 1X4  |
| DGF-STSSCP1-8  | DIGISOL Splitters Tube Type, SM, SC, PC Type, 1X8  |
| DGF-STSSCP1-16 | DIGISOL Splitters Tube Type, SM, SC, PC Type, 1X16 |
| DGF-STSSCP1-32 | DIGISOL Splitters Tube Type, SM, SC, PC Type, 1X32 |
| DGF-STSSCP1-64 | DIGISOL Splitters Tube Type, SM, SC, PC Type, 1X64 |
| DGF-STSSCP2-2  | DIGISOL Splitters Tube Type, SM, SC, PC Type, 2X2  |
| DGF-STSSCP2-4  | DIGISOL Splitters Tube Type, SM, SC, PC Type, 2X4  |
| DGF-STSSCP2-8  | DIGISOL Splitters Tube Type, SM, SC, PC Type, 2X8  |
| DGF-STSSCP2-16 | DIGISOL Splitters Tube Type, SM, SC, PC Type, 2X16 |
| DGF-STSSCP2-32 | DIGISOL Splitters Tube Type, SM, SC, PC Type, 2X32 |
| DGF-STSSCP2-64 | DIGISOL Splitters Tube Type, SM, SC, PC Type, 2X64 |

