



DIGISOL™

FTTH

STRUCTURED CABLING SYSTEMS

DIGISOL FTTH Splitters, Box Type

Introduction:-

DIGISOL offers a variety of box type splitter modules and products. PLC Splitter Modules are available in the form of plastic module cassette (an ABS box) with ruggedized fiber jackets of 2.0 mm. DIGISOL PLC splitter family features the whole series of 1 x N and 2 x N splitter boxes and 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
ABS box type or inside metal box/module cassette type
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-SBSSCP1-2	DIGISOL Splitters Box Type, SM, SC, PC Type, 1X2
DGF-SBSSCP1-4	DIGISOL Splitters Box Type, SM, SC, PC Type, 1X4
DGF-SBSSCP1-8	DIGISOL Splitters Box Type, SM, SC, PC Type, 1X8
DGF-SBSSCP1-16	DIGISOL Splitters Box Type, SM, SC, PC Type, 1X16
DGF-SBSSCP1-32	DIGISOL Splitters Box Type, SM, SC, PC Type, 1X32
DGF-SBSSCP1-64	DIGISOL Splitters Box Type, SM, SC, PC Type, 1X64
DGF-SBSSCP2-2	DIGISOL Splitters Box Type, SM, SC, PC Type, 2X2
DGF-SBSSCP2-4	DIGISOL Splitters Box Type, SM, SC, PC Type, 2X4
DGF-SBSSCP2-8	DIGISOL Splitters Box Type, SM, SC, PC Type, 2X8
DGF-SBSSCP2-16	DIGISOL Splitters Box Type, SM, SC, PC Type, 2X16
DGF-SBSSCP2-32	DIGISOL Splitters Box Type, SM, SC, PC Type, 2X32
DGF-SBSSCP2-64	DIGISOL Splitters Box Type, SM, SC, PC Type, 2X64

DIGISOL is a Subsidiary of Smartlink Holdings Limited

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Datasheet Updated: 26th July 2019