



DIGISOL™

FTTH

STRUCTURED CABLING SYSTEMS

DIGISOL FTTH Fiber Distribution Box

Introduction:-

DIGISOL FTTH Fiber Distribution Box (FDB) is used as a termination for the feeder cable to split and connect with drop cable in any FTTH application. Its easy to splice, split and manage the fiber in the box. FDB can provide a solid protection and easy maintenance for FTTH network construction.

Key Features:-

- Full Enclosed and Ergonomic Design
- Meets IP65 Grade for wet-proof, water-proof and anti aging
- Feeder cable and Drop cable fixation, Fiber Splicing, Storage and Distribution
- Separate cable pathway design
- Modular adapter holder design
- Hinged Splice tray for easy installation and maintenance
- Wall Mounted or Pole mounted
- Suitable for Indoor and Outdoor Use



Technical Parameters:-

Insertion Loss (dB)	: ≤ 0.2
UPC Return Loss (dB)	: ≥ 50
APC Return Loss (dB)	: ≥ 60
Life of Insertion and Extraction (Times)	: 1000
Isolation Resistance	: ≥ 2x10000MΩ/500V(DC)
Withstand Voltage	: ≥ 3000V(DC/MIN)

Environmental Parameters:-

Working Temperature (Degree C)	: Minus 40 - Plus 85
Relative Humidity (%)	: ≤ 85% (+30 Degree C)
Atmospheric Pressure (KPA)	: 70 ~ 106

Mechanical Specifications:-

Model	Size	Max Capacity	
		SC	LC
DGF-DBXXXX-2	167x102x31	2	4
DGF-DBXXXX-4	167x102x31	4	8
DGF-DBXXXX-6	213x163x47	6	12
DGF-DBXXXX-8	213x163x47	8	16
DGF-DBXXXX-12	225x200x65	12	
DGF-DBXXXX-16	293x219x84	16	32
DGF-DBXXXX-24	320x240x100	24	
DGF-DBXXXX-32	390x340x115	32	
DGF-DBXXXX-48	390x340x115	48	

Ordering Information:-

Part Codes	Description
DGF-DBXXXX-2	DIGISOL Distribution Box, Blank, 2 CORE
DGF-DBXXXX-4	DIGISOL Distribution Box, Blank, 4 CORE
DGF-DBXXXX-6	DIGISOL Distribution Box, Blank, 6 CORE
DGF-DBXXXX-8	DIGISOL Distribution Box, Blank, 8 CORE
DGF-DBXXXX-12	DIGISOL Distribution Box, Blank, 12 CORE
DGF-DBXXXX-16	DIGISOL Distribution Box, Blank, 16 CORE
DGF-DBXXXX-24	DIGISOL Distribution Box, Blank, 24 CORE
DGF-DBXXXX-32	DIGISOL Distribution Box, Blank, 32 CORE
DGF-DBXXXX-48	DIGISOL Distribution Box, Blank, 48 CORE

DIGISOL is a Subsidiary of Smartlink Holdings Limited

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