

BK-FDG-X



DESCRIPTION

BenKa's BK-FDG-X Cabinet is designed to handle fiber optic cross connections and accommodate passive optical splitters in PON FTTx networks, but can also be used for by pass splicing applications or combinations of the both.

The FDG is used as a demarcation point between the feeder network and the distribution network and provides quick and easy incremental installation of distribution cable terminations and fiber optic splitters.

It has the functions of fiber cable fixation and protection, optical cable termination function, splitting one core fiber into multiple cores and cross connection.

FEATURES

- ✓ The FDG is made of SMC polymer materials or high-quality steel for achieving the excellent insulation performance. Its protection rate is IP65
- ✓ Single Front door operation with detachable door structure.
- ✓ The passive components are operated in a same integration enclosure with pre-installed design for simple and easy installation
- ✓ Suitable for ribbon, bundle and non-ribbon cable
- ✓ Reliable cable introducing, fixing, protection, grounding devices
- ✓ Various fusion splicing and wire markings are available for easy splicing and wiring recording
- ✓ Optical fiber management available for splice tray and fiber cord cable to ensure the fiber bend radius is more than 30mm
- ✓ Support 12 cable input/output port with reusable cable gland
- ✓ Passed IEC 60068-2-6 vibration test
- ✓ Passed IEC 61753-1 impact test

SPECIFICATIONS

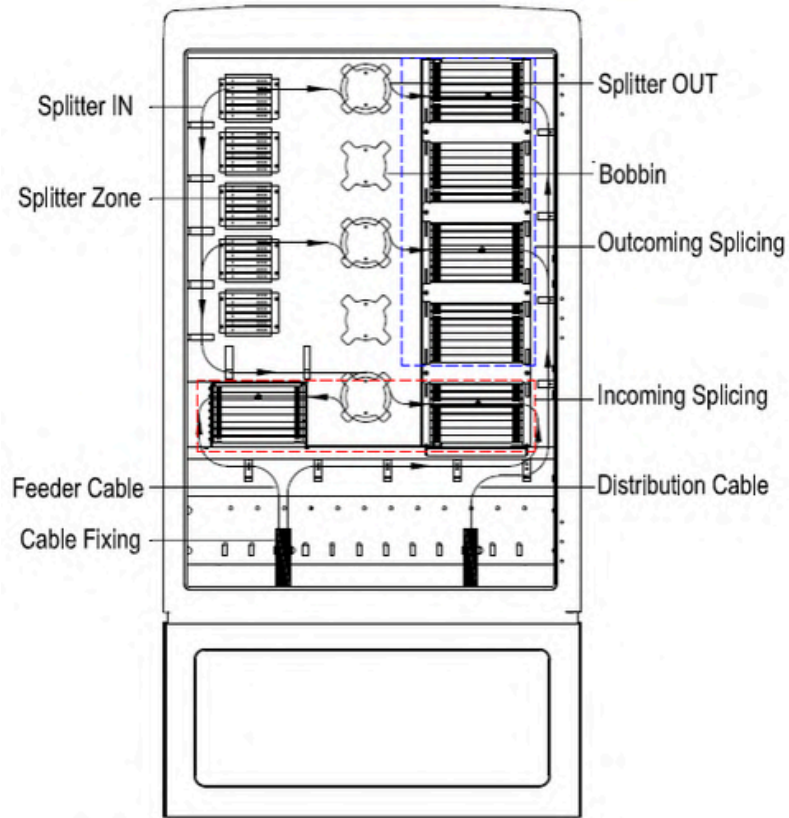
Housing Material	SMC
Installation Method	Ground-mounted
Applicable Environment	outdoor
Protection Grade	IP65
Color	gray
Quantity Of Splice Tray	48 Pcs
Capacity Of Splitter	24 Pcs Max (1:4)
Capacity Of Splicing	576 Cores
Dimension(Pic 1)	H×W×D=1345×752×322mm

TECHNICAL PARAMETERS

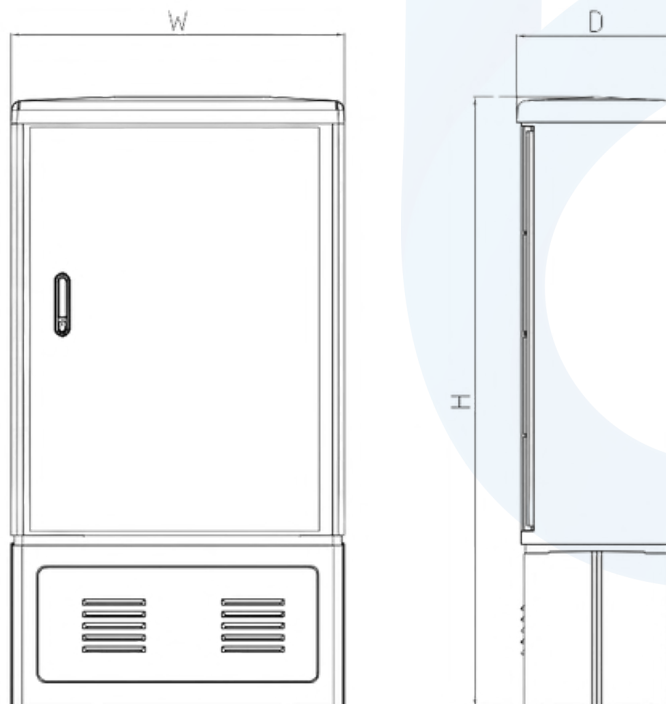
Fiber Bending Radius	>37.5mm (protective tubes are furnished for fibers passing through metallic holes.)
Cable Bending Radius	>15 times of cable diameter
Nominal Working Wavelength	850nm, 1310nm, 1550nm
Insertion Loss	≤0.2dB
Return Loss	≥45dB (PC), ≥50dB (UPC), ≥60dB (APC)
Durability	>1,000 times
Insulation Resistance	≥1,000MΩ/500V(DC)
Voltage Resistance	≥3,000V(DC), 1 min no puncture, no arc-over
Vertical Pressure	>980N
Atmospheric Pressure	70~106KPa
Relative Humidity	≤95% (+40°C)
Operating Temperature	-40°C~+60°C
Storage Temperature	-40°C~+60°C

DRAWING

FIBER ROUTING



WWW.BENKATECHNOLOGIES.COM



MORE PICTURES



WWW.BENKATECHNOLOGIES.COM