

# FD33

## FIBRE DISTRIBUTION CLOSURE

### APPLICATION

The FD33 is a IP68 distribution closure to be used with ReDirect riser/direct buried fibre cables, accommodating microtubes, branching to customers premises. It enables a window-cut in the sheath to access the fibres, which can be spurred into drop microtubes of up to 10 mm in diameter.

### FEATURES

- To be used with ReDirect cable sizes between 3 and 18 mm
- Can accommodate 4 drop microtubes / drop fibre
- Mechanical sealing allows ease of installation using special gel to provide a seal to IP68.
- Can be used for direct buried and underground
- Boundary Box closure with splitter & pre-connected fibre options
- Can facilitate 2 x SC or 2 x LC

### Technical Data

**Material:** Polypropylene

**Temperature range:** Transport ,Installation and storage -10°C to +50°C

**Temperature range:** Operation -20°C to +60°C

**Number of Cable Entries:** 1 in-line, 4 Drops

**In Line Cable Diameter :** Max 18.0 mm

**Drop Cable Diameter (mm):** Max 10.0 mm

**Fibre bending radius (mm):** minimum 15 (ITU-T G.657 A2 fibre)

**Cable retention:** 18 mm cable: 350 N ;10 mm drop tube: 150 N

**Water immersion:** IP68 (No water ingress at 1m, water pressure for 7 days)

**Impact resistance:** 10 Nm @ 20 °C, radius 200 mm

**Crush resistance:** 1000 N @ 20 °C on top surface of the box



## SPECIFICATION FD33

AVT No.	Size(mm) L x W x H	Adaptor Plate	Cable ports	Max. Splice Tray capacity	Max. Diameter Of cable (mm)
FD33	225 x 107 x 47	2 x SC 2 X LC	1 x Inline 4 x Branch	4 Splices  1 Splitter	1 x Inline port < 18 mm 4 x Branch port < 10.0 mm

# DIMENSIONS

