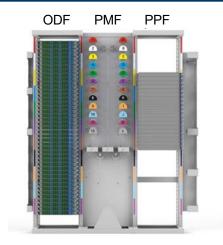# ODF Optical Distribution Frame

Features & Benefits

- Robust steel construction
- Open frame design for fast and easy access to ODF
- Suitable for splitter panels and ODF Feeder panels
- Adjustable vertical rails for different panel types
- Numbered identification strips on vertical rail for clear placement of hardware and accessories
- 19" rails on the left and on the right side (465mm pitch between fixings)
- 19" rails adjustable in steps of 25mm forwards and backwards (loading capacity approx. 180 kg per ODF and PPF)
- 47U fixing positions per 2200mm rack
- Integrated cable overlength management (optional)
- Flexible cable routing mandrels (radius 30mm) for different cable paths
- Three earthing points (one earthing point per frame)
- Fixing options: On the floor, on the wall, back to back or side to side
- Environmental conditions according to ETS 300 019-1-3 class 3.1

ODF   PMF   PPF

Overview

The ODF is a purpose-made rack designed to accommodate high density Feeder Panels or Splitter Panels used in FTTH PON networks. The rack can be made as a stand-alone solution, or it can be made as a 'side-by-side' system with integrated cable management in the middle. Adjustable 19" mounting rails at the rear of the rack provide excellent front access to all cables and the optional PMF rack provides fast and easy cable overlength management.

The 19" rails and the cable routing mandrels are numbered, lettered and colour-coded for clear placement of hardware and accessories. The cable connections of four height units can be guided over two numbered, lettered and colour-coded cable routing mandrels of the same colour and number.

In many cases, the ODF racks will be deployed in small POP buildings alongside EQF frames where transmission equipment is mounted. These ODF's then provide the necessary connection from the transmission equipment, through the splitter panel and then to the outside-plant network via Feeder cables. Splitters with 1:4 or 1:8 ratio are often fitted to the splitter panel to provide the first level of network aggregation.

Technical Data

ODF and PPF 19" rack dimensions	Rack dimensions without lateral accessories	Complete rack dimensions
mm (width x depth x height)	mm (width x depth x height)	mm (width x depth x height)
550 x 400 x 2200	1650 x 400 x 2200	1890 x 400 x 2200

Material	Colour	19 " fixing positions
Steel powder coated	Light Grey RAL 7035	47U

ODF Optical Distribution Frame
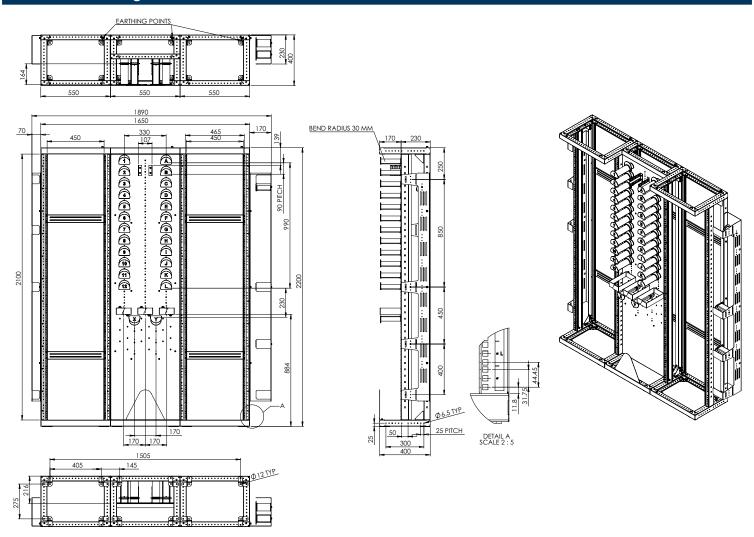
Mandrel Marking Left side of the PMF	Mandrel Marking Left side of the PMF	Height Unit	Colour
1	A	1 2 3 4	Red
2	B	5 6 7 8	White
3	C	9 10 11 12	Yellow
4	D	13 14 15 16	Blue
5	E	17 18 19 20	Green
6	F	21 22 23 24	Violet
7	G	25 26 27 28	Brown
8	H	29 30 31 32	Black
9	I	33 34 35 36	Orange
10	J	37 38 39 40	Aqua
11	K	41 42 43 44	Pink
12	L	45 46 47	Grey
X	Y		Dark Grey

ODF Optical Distribution Frame

Technical Drawing

Ordering Information

Description	Part Number
ODF Fiber management suite with 3 racks (two ODF racks + middle management rack), assembled, Grey RAL 7035	FRSO0400002273-002
ODF Fiber management suite with 3 racks (two ODF racks + middle management rack), non-assembled, Grey RAL 7035	FRSO0300002273-002