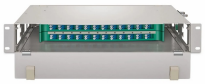
ARCDATA
CONNECTING YOUR BUSINESS FORWARD

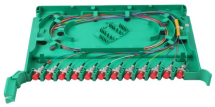
ABN 11 664 411 689
support@arcdata.com.au
www.arcdata.com.au

ARC DATA 2U Rack-Mount ODF

24-core fibre termination, splicing & patching in one tidy 2U unit

A 2U, 19-inch rack-mount Optical Distribution Frame with 24-core capacity across two plug-and-play sliding trays (12 SC each) — the clean, dependable head-end for terminating, splicing and patching fibre in the rack.





PLUG-AND-PLAY SPLICE/PATCH TRAY (12 SC)

2U
19" RACK-MOUNT

24-Core
2 × 12 SC

SC/LC/FC
UNIVERSAL TRAYS

≤0.3 dB
INSERTION LOSS

OVERVIEW

The ARC-ODF-RM-2U is a 2U, 19-inch rack-mount Optical Distribution Frame that brings fibre termination, splicing, patching and slack storage together in one clean unit. Its 24-core capacity is delivered across two plug-and-play sliding trays, each holding 12 SC adapters — pull a tray forward for easy access without disturbing adjacent fibres. The trays are universal for SC, LC and FC adapters; cable enters from above or below and is freely allocated, with support for ribbon and bunch optical cables and adjustable hanger positioning. A robust cold-rolled-steel chassis and low-loss adapters make it the dependable head-end for data-centre, MDU, campus and carrier fibre distribution.

FEATURES

2U / 24-Core
Two sliding trays × 12 SC in a compact 19-inch 2U frame.

Sliding Trays
Front access without disturbing live fibres.

Universal Adapters
SC, LC or FC — one frame for any patching standard.

Flexible Cabling
Top or bottom entry, ribbon & bunch cable, adjustable hangers.

Integrated Management
Splice trays + slack & bend-radius management.

Low Loss
Insertion loss ≤0.3 dB; APC return loss ≥60 dB.

TECHNICAL SPECIFICATIONS

MECHANICAL

Type	Rack-mount Optical Distribution Frame (ODF)
Rack Units	2U, 19-inch standard
Capacity	24 cores — 2 sliding trays × 12 SC
Adapters	Universal: SC / LC / FC
Dimensions (W×D)	482 × 270 mm
Cable Entry	Top or bottom, free allocation; ribbon & bunch cable
Material	Cold-rolled steel, powder-coated

1300 100 440 (Australia)
+64 9 871 4845 (New Zealand)
+61 3 7067 3330 (International)

ARCDATA
CONNECTING YOUR BUSINESS FORWARD

ABN 11 664 411 689
support@arcdata.com.au
www.arcdata.com.au

OPTICAL

Insertion Loss	≤ 0.3 dB
Return Loss	PC ≥45 dB · UPC ≥50 dB · APC ≥60 dB

ENVIRONMENTAL & ELECTRICAL

Operating Temperature	-40 °C ~ +60 °C
Humidity	≤ 95% at +40 °C
Atmospheric Pressure	70 ~ 106 kPa
Insulation Resistance	≥ 2×10^{4} MΩ / 500V DC
Withstand Voltage	≥ 3000V DC / 1 min

COMPLIANCE & ORDERING

- **IEC 61300-3-15/16/17/23**, **YD/T 788**, GB/T 2423, GB 13873, GB/T 9286; **RCM** (AS/NZS) and **RoHS**.

ARC Order Code	ARC-ODF-RM-2U
Product	ARC DATA 2U Rack-Mount ODF, 24-core (2 × 12 SC sliding trays)
Higher Density	48 / 72 / 96-core frames (3U / 4U / 5U) available on request

1300 100 440 (Australia)
+64 9 871 4845 (New Zealand)
+61 3 7067 3330 (International)

ARC HOST PTY LTD