

Product Description

Packet Deduplication A-XFE

Packet Deduplication A-XFE is a Smart Appliance which provides high performance de-duplication capabilities.

A-XFE uses an onboard FPGA with acceleration features, granting top performances and high flexibility: selected packet fields are configurable for duplicate detection, with detection intervals between 66ms and 1s.

Easy to configure, it can be use stand alone or as a Service Node together with other Network Packet Brokers, either from Microtel Innovation or from any other manufacturer.

Key features

- 20 x 40/100 Gb/s input/output ports in 1U Appliance, redundant power supply
- High performance and flexible packet de-duplication capabilities:
 - * 100G max input traffic managed
 - * Flexible window configuration: from 66ms to 1s
 - * Different part of the packet can be skipped during the duplicate detection:
 - * Always skipped: VLAN and MPLS encapsulation, Destination MAC and Source MAC in L2 header
 - * Optionally skipped: L3GRE, GTP-U, GTP-C, IP-in-IP



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Highlights

- When SPAN ports are used, this can result in sending duplicated packets to the monitoring tools. Use A-XFE to remove them, so improving monitoring tool efficiency, accuracy, and recording space requirements, while lowering overall costs.
- Easy to configure and start up, just connect the device to the data link and it will provide in the output port the de-duplicated packets
- Easy to order, all ports enabled, no additional licences needed

Operating	Power	Dimensions	Regulatory
<ul style="list-style-type: none"> • Operating temperature: 5°C to 40°C - Humidity: 10% to 85% (non-condensing) • Storage temperature: 0°C to 70°C - Humidity: 5% to 95% (non-condensing) 	<ul style="list-style-type: none"> • Dual redundant power supply • 100-240 Vac ; -48 Vdc • Field serviceable • Max power consumption: 1200 W (fully equipped) 	<ul style="list-style-type: none"> • Chassis 1U surface or 19" rack mount, 482 mm W, 600 mm D, 44 mm H • Weight: (fully equipped): 12 kg (26.5 lbs) 	<ul style="list-style-type: none"> • CE Mark • Safety: UL/EN/IEC 60950-1, CSA 22.2 • EMC: FCC Part 15, Class A, EN 550022; • Immunity: EN 300 386, EN55024, EN 61000-3-2, EN 61000-3-3, EN 61000-4-2, EN 61000-4-3, EN 61000-4-5, EN 61000-4-6, EN61000-4-8, EN61000-4-11

Packet Deduplication A-XFE — Ordering Information

A-XFE-FL-20AC	Packet Deduplication , 1RU, 19" rack mount, with 20x40/100G input output ports. (SFP+ not included), All ports enabled. AC Redundant Power Supply.
QSFP+-SR/M-4	QSFP+ SR4 - 40G Parallel Fiber - Multimode (850nm) with MPO/MTP connector.
QSFP+-LR/M-4	QSFP+ LR4 - 40G Parallel Fiber -Single mode (1310nm) with MPO/MTP connector.
QSFP+-LR/L-4	QSFP+ LR4 - 40G CWDM Single-Mode (1310nm) with LC connector.
QSFP28-SR/M-4	QSFP28 for 100G Parallel Fiber - Multimode (850nm) with MPO/MTP connector.
QSFP28-PSM4/M-4	QSFP28 for 100G Parallel Fiber- Single mode(1310nm) with MPO/MTP connector.
QSFP28-LR4/L	QSFP28 for 100G LAN-WDM Single mode (1310nm) with LC connector.
CML-14-3-MM-2m	Breakout cable MTP/MPO connector (Female) to LC connectors 4 x 10G (Male), Multi-Mode 850nm, OM3, 50/125 um, 2m lenght . To be used with QSFP+-SR/M-4.
CML-14-4-MM-2m	Breakout cable MTP/MPO connector (Female) to LC connectors 4 x 10G (Male), Multi-Mode 850nm, OM4, 50/125 um, 2m lenght. To be used with QSFP+-SR/M-4.
CML-14-SM-2m	Breakout cable 1 x 40G (MPO/MTP connector) to 4 x 10G (8 x LC connectors), OS1/OS2, Single