

Professional Disc

Single, Dual, Triple, and Quad layer Professional Disc



Overview

Ideal for archiving and deliveries

Outstanding recording capacity with up to 600 minutes of HD recording with the Quad layer version

Rugged and reliable HD media for day-to-day broadcasting

Designed for exceptional performance in tough conditions with advanced Hard Coat technology and a durable cartridge

PFD-23A: up to 85 minutes of XDCAM 4.2.2

PFD-50DLA: up to 1.5 hours of XDCAM 4.2.2

PFD-100TLA: over 3 hours of XDCAM 4.2.2

PFD-128QLW: up to 4 hours of XDCAM 4.2.2

Proven Technology since 2003

Optimized Cost per GB

Free Customer Service

Compatibility: always check the compatibility of your equipment prior to any purchase

Specifications

Format

Storage Capacity (GB)	PFD-23A: 23.3
	PFD-50DLA: 50
	PFD-100TLA: 100
	PFD-128QLW: 128
Recording Type	PFD-23A: REWRITABLE
	PFD-50DLA: REWRITABLE
	PFD-100TLA: REWRITABLE
	PFD-128QLW: WRITE-ONCE

Physical Characteristics

Track pitch (μm)	PFD-23A: 0.32
	PFD-50DLA: 0.32
	PFD-100TLA: 0.32
	PFD-128QLW: 0.32
Min. Mark Length (μm)	PFD-23A: 0,162
	PFD-50DLA: 0,149
	PFD-100TLA: 0,149
	PFD-128QLW: 0,117
Laser wavelength-blue violet (nm)	PFD-23A: 405
	PFD-50DLA: 405
	PFD-100TLA: 405
	PFD-128QLW: 405
Writing Transfer Speed (Mbps)	PFD-23A: 86
	PFD-50DLA: 86
	PFD-100TLA: 86

PFD-128QLW: 144

Transfer Speed (x)

PFD-23A: 2.4

PFD-50DLA: 2.4

PFD-100TLA: 2.4

PFD-128QLW: 4

Environmental Requirements**

Operating Conditions
(degrees C)

-5~55

Operating Conditions
(% RH)

10~90

Storage Conditions
(degrees C)

-10~55

Storage Conditions (%
RH)

5~90

Dimensions (nominal)

Disc Diameter (mm)

120.0

Cartridge Width (mm)

128.6

Cartridge Height (mm)

130.6

Cartridge Depth (mm)

9.1

Cartridge Width (inch)	5.125
Cartridge Height (inch)	5.25
Cartridge Depth (inch)	0.375
Weight with case (g)	183
Erase/write cycles (times)	bigger or equal to 1000
Read cycles (times)	bigger or equal to 1000000
Raw bit error rate	Inferior or equal to 0.0002
Estimated shelf life (years)	bigger or equal to 50
Estimated archival life (years)	bigger or equal to 50

Gallery

