

Spectra Nova JA 256/80 AAA Printhead



Rating: 5.0

Price:

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 809.00

Discount:



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Manufacturer: [Spectra](#)

Description

Spectra Nova JA 256/80 AAA Printhead

To be used with: Wit-color Ultra1000-NOVA-5208, WIT-COLOR Ultra1000-NOVA-3308, DGI PS-3204D, Flora LJ 320SE, Flora HJII3200/5000SE, YISHAN PS-3204S, YISHAN POLAJET PS-3204DX, YISHAN YS5008-EE, Vutek Ultravu3360, Teckwin Teckpro S3200, Kornit Avalanche, Agfa Anapurna 100 / Anapurna L / Anapurna X / Anapurna XL, HP 5300, HP Scitex XP2100, NUR Expedio 3200, Dilli Neo Deluxe UVD-2506-W / Neo Deluxe UVD-3206 / Neo Plus UVP-1606-W / Neo Plus UVP-2506-W, DGI Polajet PS-2504 / Polajet PS-3206D / Polajet PS-320.

Remarks: original

Description:

- The Nova JA 256/80 AAA is a compact inkjet jetting assembly designed specifically for applications using solvent, UV-curable or aqueous ink formulations at resolutions up to 450 dpi.
- Four electrically independent piezoelectric slices, each with 64 addressable channels, are combined to provide a total of 256 jets. The nozzles are arranged in a single line, at a 0.011 inch distance between nozzles.

Features:

- 75 picoliter calibrated drop size;
- Resolutions up to 450 dpi;

- 256 individually addressable, inline nozzles;
- Supports solvent, UV-curable and aqueous inks;
- Orientation independent Designed for long service life;
- Operation up to 90°C [194°F];
- Dual ported for ease of flushing;
- Optional temperature control.

Parameter	NOVA JA 256/80 AAA	Printed Size
Number of addressable pins	256	
Nozzle spacing	200 microns [0.00787 in.]	
Nozzle diameter	52 microns	
Calibrated drop size	20 picoliters	
Adjustment range for drop size	20-40 picoliters	
Drop size variation, 1 sigma*	2%	
Jet front/offset, 1 sigma*	4 mm [0.157 in.]	
Nominal drop velocity	8 m/sec	
Drop velocity variation, 1 sigma*	2%	
Crosslink resistance	2%	
Operating temperature range	up to 90°C [194°F]	
Fluid viscosity range (at printing temperature)	4-24 cP	
Compatible printing fluids	Aqueous, Organic solvent, UV curable	
Maximum operating frequency	20 kHz	

*at nominal frequency

