



PCC'S FD650 FLEXIBLE DISK DRIVE

For Low Cost Mass Storage, Depend on PCC's Flexible Disk Drives. We've got what you need for OEM applications. And what we've got will make you see double.

Like double density operation. Available in FM and MFM recording modes on a standard-size floppy.

And a double head. To allow recording on both sides on an 8-inch diskette.

We also offer some singular features: an electronic door lock that protects the media while in operation, a standard feature. Plus write protect and front panel LED, as standard features. Also a read/write head that assures complete compatibility with pre-formatted IBM Diskettes 2 and 2D; and equivalent media. And more. When recording in the MFM mode, you're provided with an immediately addressable unformatted storage capacity of 1.6

million bytes. And you can daisy chain up to eight FD650 drives.

But PCC didn't stop there. Our designers have thought of lots of ways to make our flexible disk drives doubly-attractive to you.

For instance, we didn't want you to worry about overseas voltage differences, so the FD650 is available with both ac and dc power supplies. We didn't want you to worry about spares and repairs, so the FD650 interface electronics have been reduced to a single PCBA. And we kept it light, using a die-cast aluminum base and molded bezel; only 13 pounds.

If you need more information, talk to your local PCC salesman. He'll tell you more about why our flexible disk drives are the best choice in low cost mass storage. Depend on it.

See reverse for specifications.

FD650 Flexible Disk Drive Specifications

Media Tracks per inch Number of tracks Read/Write Track Width	IBM Diskette 2 or 2D or equivalent 48 154 0.305 mm (0.012 inch)
Physical Height Width Depth Weight	114.3 mm (4.5 inches) 217.2 mm (8.55 inches) 355.6 mm (14 inches) 5.90 kg (13 pounds)
Environment Temperature Operating Non-operating Relative Humidity Operating Non-operating	10°C to 42°C (50°F to 110°F) -40°C to 71°C (-40°F to 160°F) 20% to 80% 5% to 95% (non-condensing)
Performance Seek Time Head Settling Time Head Loading Time Error Rate (Maximum) Head Life Media Life Disk Speed Speed Variation Start/Stop Time	3 msec. track-to-track 15 msec. (last track addressed) 35 msec. (maximum) 1 per 10 ⁹ -recoverable, 1 per 10 ¹² -non-recoverable 20,000 hours (normal use) 3 x 10 ⁶ passes on a single track 360 rpm ± 1.5% ± 1.6% per Hz at 60 Hz ± 2% per Hz at 50 Hz 2 ± 1 second (maximum)
Recording Parameters Transfer Rate Recording Density Maximum Bytes per Disk ¹ Maximum Bytes per Track ¹ Recording Mode	250K bits /second (single density)/ 500K bits/second (double density) 3408/6816 bpi (inside track, side 1) 800,000 (single density)/1.6 million (double density) 5208 (single density)/10416 (double density) FM/MFM Single or double density
Power Requirements	+24 ± 1.2v dc at 1.2A (maximum), 0.85 amp typical +5 ± 0.25v dc at 1.0 A (maximum), 0.8 amp typical -5 ± 0.25v dc at 0.3A maximum 90 - 130v ac at 60Hz, Run Current: 0.48 amp (maximum), 0.43 amp nominal 190 - 250v ac at 50Hz, Run Current: 0.30 amp (maximum), 0.25 amp nominal 90 - 120v ac at 50 Hz, Run Current: 0.53 amp (maximum), 0.48 amp nominal

¹unformatted



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