

PJM DocTag Light RFID Document Tag

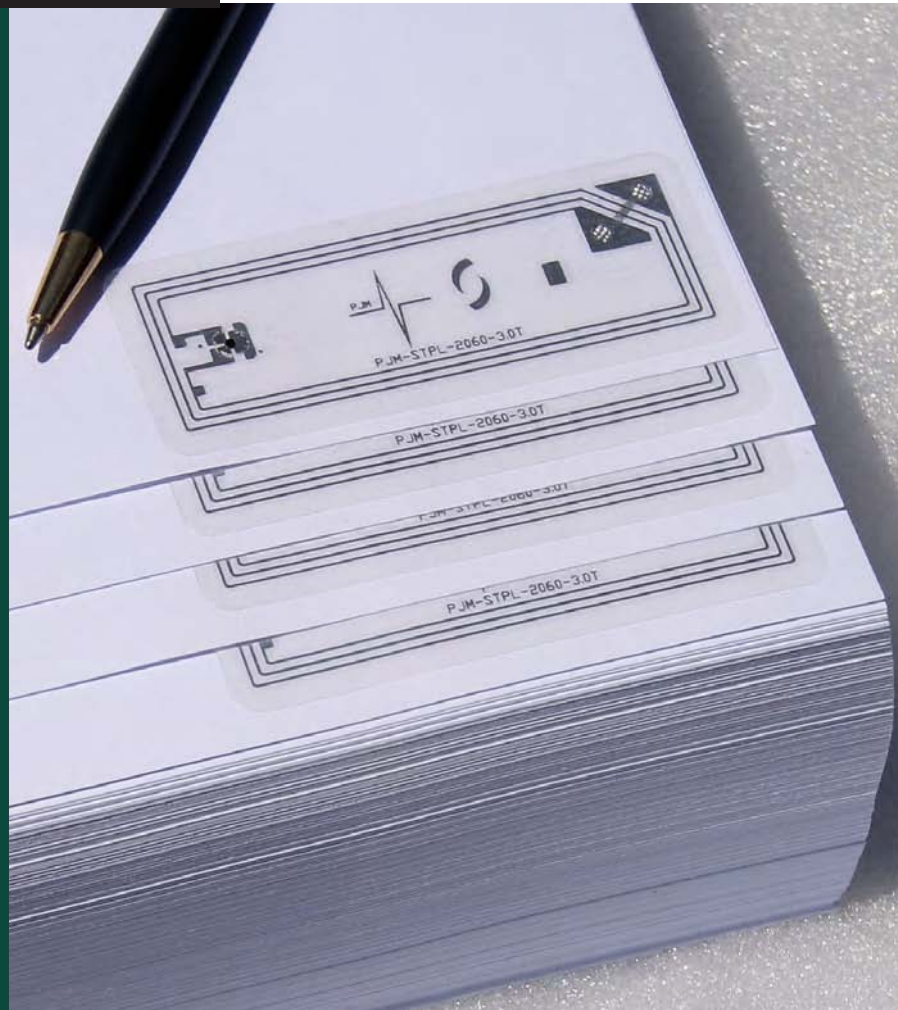
26mm x 66mm

Stackability

Authentication

Traceability

Security



Reader Compatibility

MDR-1109	✓
MDR-3021	✓
M3D-4330	✓
MARS-1-6	✓
MARS-24	✓
MDocR-2505	✓
MSTRP-4040	✓
MSTRP-5050	✗
MSTRP-6464	✗

Overview

- Small form factor. Only 26mm x 66mm x 0.3mm
- Ultimate stacking performance with Tag separation down to 0.1mm
- Excellent Reader compatibility. For use with the smallest **MDR-1109** Desktop Readers to the large **MSTRP-4040** Archive Reader
- Read single documents or stacks up to 90mm high with our **MDocR-2505** Document Reader
- Easily read thousands of densely stacked Tags with our Bookshelf Antennas and our **MARS** series Readers
- Search through boxes full of documents with our **MSTRP-4040** Archive Reader
- Features **PJM Light** Technology

PJM DocTag Light

PJM DocTag Light is a RFID inlay using the Phase Jitter Modulation (PJM) Technology complying with ISO/EIC 18000-3 Mode 2 and offers full stacking capabilities.

PJM DocTag Light contain a powerful microchip with up to 1 KBit of rewritable user memory manufactured in advanced 0.22um NVM semiconductor mass production facilities.

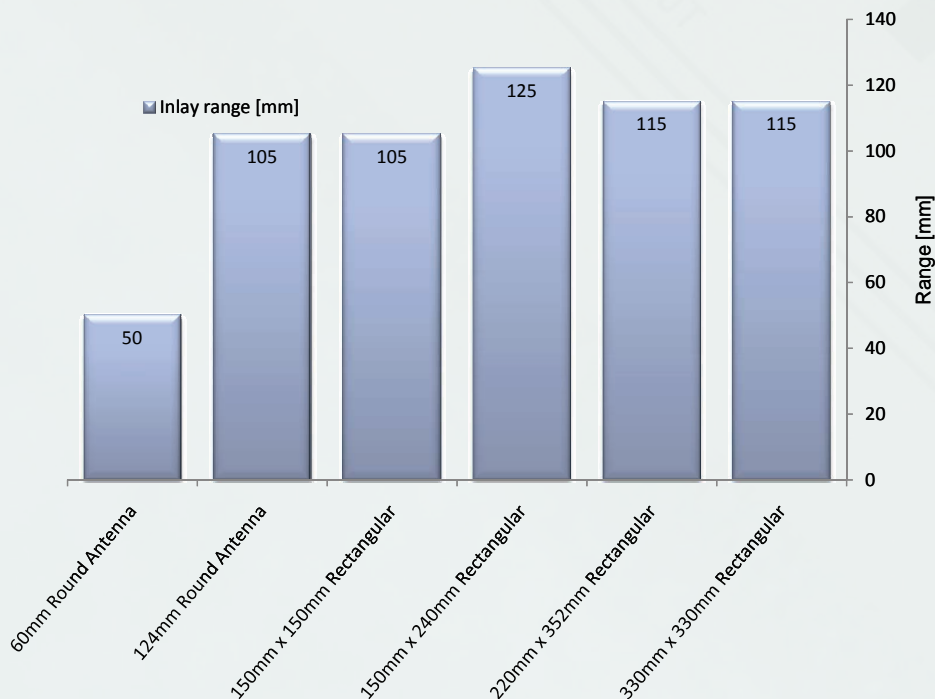
PJM DocTag Light allows for thousands of tags to be stacked with paper separation and still be identified, read and written to reliably. This makes it a perfect product for document management applications where stacking of tagged items is intended or unavoidable.

PJM DocTag Light features:

- Unique stacking capability with 0.1mm separation
- High reader command data transfer speeds of 424 KBit/s
- High tag reply data transfer rates of 106KBit/s on 8 channels for simultaneous reading of data from 8 tags
- Unique 32bit serial ID (SID) and conditional identifiers
- Up to 1KBit of rewritable user memory
- Powerful 48bit password to protect against unauthorized writes
- Counterfeit protection
- A linear lock pointer to protect memory areas against changes
- Identification state protection against field power breaks due to antenna switching
- More than 10 years lifetime and 100,000 erase/write cycles*
- Operating temperature range of -25°C up to +70°C

* Values are temperature dependent

PJM DocTag Light Characteristics with standard antennas[†]



Magellan Technology Pty Ltd

ABN 93 009 137 393

65 Johnston Street, Annandale,
NSW 2038
Australia
Ph: +61 2 9562 9800
Fax: +61 2 9518 7620
E: info@magellan-technology.com

Magellan Technology (Europe) Ltd

Drummond Road,
Astonfields Industrial Estate,
Stafford ST16 3HJ, UK
Ph: +44 1785 218500
Fax: +44 1785 218501

[†]Values are approximate and provided for guidance purposes only.

Order code: ST2-T2666-03T-OA