

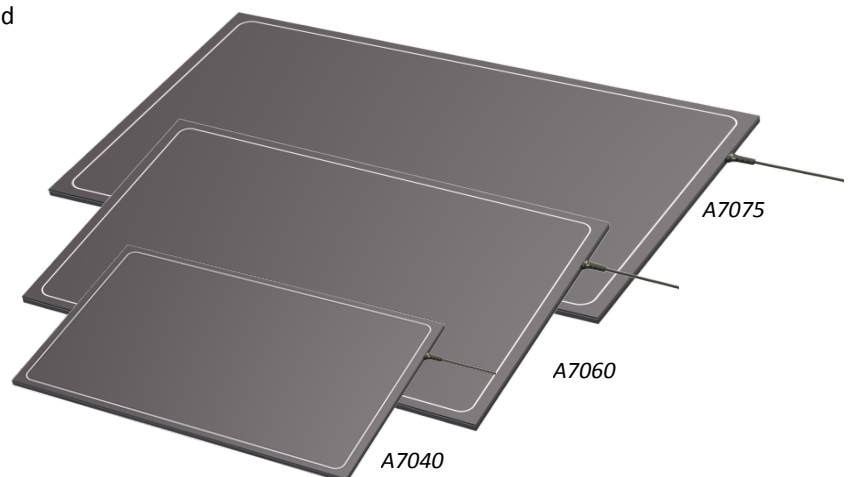
Part of the range of iDTRONICs shelving antennas A7040/A7060/ A7075 are sought after for RFID deployments from retail product tracking to industrial /workshop tool tracking. At just 8 mm thick, the durable, high performance A7040/ A7060/ A7075 are specifically designed. For existing shelving systems, providing real-time asset & product identification / inventory management. Custom lengths are available.

Applications

- Jewelry, retail, industrial/ workshop tool
- tracking and any shelving/ cabinet applications

Features

- Ultra-low profile linear polarised flat panel shelf antenna
- Only 8 mm thick
- Specifically designed to be installed into existing shelving systems
- Typical applications are tool tracking and any shelving/ cabinet application where RFID is required



Order Codes

R-IN-UHF-A7040
R-IN-UHF-A7060
R-IN-UHF-A7075

Technical Data

	A7040	A7060	A7075
Dimensions	400mm x 250mm x 8mm	600mm x 250mm x 8mm	750mm x 250mm x 8mm
Weight	1 kg	1,2 kg	1,75 kg
Radome Material	Fire retardant Kydex	Fire retardant Kydex	Fire retardant Kydex
Environmental Rating	IP65	IP65	IP65
Operating Temp.	-20° to +55°C	-20° to +55°C	-20° to +55°C
Connector type	SMA female side fly lead (300 mm)	SMA female side fly lead (300 mm)	SMA female side fly lead (300 mm)
Cable	2m SMA to RPTNC (included)	2m SMA to RPTNC (included)	2m SMA to RPTNC (included)
Frequency Range	864–869 MHz/ 902–928 MHz	864–869 MHz/ 902–928 MHz	864–869 MHz/ 902–928 MHz
Polarisation	Linear	Linear	Linear
Fair-field Gain	7.5dBi	9dBi	10dBi
Fare-field 3dB beamwidth	80° XZ, 45° YZ	65° XZ, 30° YZ	72° XZ, 23° YZ
VSWR	< 1.6:1	< 1.6:1	< 1.6:1
Front to back ratio	22dB	24dB	20dB
Nominal Impedance	50 Ω	50 Ω	50 Ω
Anti-static protection	YES	YES	YES
Maximum input Power	6 W	6 W	6 W

E-field elavation & Azimuth Patterns

