

MULTIPURPOSE SHIELDING PARTITIONS

Select-a-Shield™ RF/EMI curtains are ideal for numerous confined area RFID shielding applications, pre-compliance testing, secure communications and temporary shielding situations.



SELECT has developed specialized RF/EMI shielding partitions or curtains that can be used to create your own unique shielding environment. Design projects include shielding unprotected windows, protecting personnel & equipment from radiated electromagnetic exposure, safeguarding radar assemblies with EM reflective covers, and improving RFID scan accuracy through use of shielding strip curtains mounted outside scanner tunnels.

Shielding effectiveness of SELECT RF/EMI curtain systems can be increased with proper grounding techniques and by minimizing or eliminating gaps that allow RF leakage.



MULTIPLE APPLICATIONS

Hang from the ceiling, suspend on a track, cover windows, use free-standing or create a partition or barrier; SELECT Curtains have a multitude of uses.

SELECT-A-SHIELD ASSURANCE

Select-a-Shield RF/EMI curtains are made in the USA of US materials including our proprietary RoHS compliant, lightweight Silver/Copper/Nickel fabric. This durable fabric has an average shielding effectiveness of -85 dB in the range of 30 MHz to 1 GHz and an average -80 dB in the range of 1 GHz to 11 GHz. State of the art metallic plating processes provide protection against galvanic corrosion and the finish coating eliminates stress cracking concerns.



** dB ranges are dependent on configuration and installation.*

Industries Served	Technology Sectors
Commercial Wireless	Wireless Device Testing
Industrial Wireless	802.11a/b/g/n Commercial - Enterprise
Automotive	3G, 4G, LTE, Cellular, Bluetooth, Zigbee, Mesh
Aerospace & Defense	LF / UHF RFID
Military	Warehouse, Logistics and Distribution Centers with RFID inventory control
	Tool Cribs with RFID inventory control
	Secure Communications / SCIF
	WiMax
	EMC Pre-compliance
	Medical Equipment Shielding

Multipurpose Shielding Partitions



SERIES 7000 – Freestanding and Ceiling Mounted Roller Track



Heavy-duty steel frame and track components will support larger curtains and allows for a free standing option. Mounting brackets, track, connectors, and rollers can be combined to create almost any size curtain size system. Nylon parts are extremely durable and will not

rust or break. All nylon parts have UV inhibitors.

- Beam or Chain Support Mount: Attaches to a beam or any member immediately above the top level of the curtain.
- Ceiling Mount: Attaches directly to ceiling or any flat horizontal surface directly above the curtain.
- Floor Column (Free Standing): Permits erection of screens in any area.
- Threaded Rod Bracket: Use when no easily accessible structures are near the track. Threaded rod attaches to the ceiling heights significantly above the track system's.
- Wall Mount: Attaches to vertical surfaces. May be used with other mounting techniques.
- Beam Flange Connectors: Allows attachment of roof truss sections, beams, and channels. Secured with edge clamps and set screws.
- Nylon Roller with 1/2" hook
- Roller Track
- Radius Curved Track

SERIES 8000 – Ceiling Mounted Roller Track



Made from extruded aluminum with commercial clear coated Silver Satin finish with carriers, end stops, and other accessories for a complete, operational track system.

- Extruded aluminum track channel (1 3/8" x 1 3/16")
Track channel is either curved or straight in continuous lengths up to 16 feet.
- Two Wheel Cubicle Carriers made of two self-lubricating nylon wheels, nylon axle, tangle-free nylon swivel stem and hard nickel-plated steel hook to reduce jamming.
- Plastic End Cap with removable gate: Nylon cap has a removable gate to permit access to track carriers.
- Aluminum Splices
- 90° & 45° Bends: bends have an approximate 12" radius.

FEATURES

Select-A-Shield curtains and partitions can be customized to fit your requirements:

- Single or Double layer conductive fabric
- ESD (Electrostatic Dissipative) fabric layer(s)
- RF shielded ceiling covers
- Curtain attachment options:
 - Magnets
 - Grommets
 - Hook & Loop
- Roller Track System with curved or straight track
- Grounding Straps
- Copper Foil Tape
- Clean to IEST-STD-CC1246D
- RF shielded Vents

SERIES		OPTION
7000		Beam or Chain Support Mount
7000		Ceiling Mount
7000		Floor Column (Free Standing)
7000		Threaded Rod Bracket
7000		Wall Mount
7000		Beam Flange Connectors
7000		Nylon Roller with 1/2" hook
8000		Cubicle Track - extruded 6063 aluminum with commercial clear coated Silver Satin finish
8000		C-240 Two Wheel Cubicle Carrier Extra Wide Body
8000		C-215 Two Wheel Carrier with Chain
8000		C-220 Plastic End Cap with Removable Gate
8000		C-260 Plastic End Cap
8000		C-235 Aluminum Splice



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