



EMI/RFI Shielded Curtains

SFI's EMI/RFI Curtains

Constructed with the latest materials and processes for

- RFID Shielding
- Short-term EMI/RFI Shielding
- Secure Communications
- Pre-compliance Testing



We've helped customers

- ◆ shield unprotected windows
- ◆ protect personnel & equipment from radiated electromagnetic exposure
- ◆ safeguard radar assemblies with EM reflective covers
- ◆ improve RFID scan accuracy through use of shielding strip curtains mounted outside scanner tunnels

All our EMI/RFI curtains are made in the USA of US materials including RoHS compliant, durable, lightweight Silver/Copper/Nickel fabric. Nova Select is a conductive, flexible fabric with 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.

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



Industries Served	Technology Sectors
Commercial Wireless	Wireless Device Testing
Industrial Wireless	802.11a/b/g/n Commercial - Enterprise, WLAN, WiFi
Automotive	3G, 4G, LTE, Cellular
Aerospace & Defense	LF / UHF RFID
Cellular Forensics	Military Communications
Computer Forensics	Secure Communications / SCIF WiMax EMC Pre-compliance Medical equipment shielding

Design Options:

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

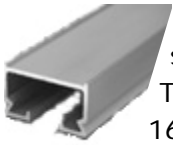




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Roller Track Attachment Options

Series 8000—Ceiling Mounted Roller Track



1 3/8" x 1 3/16" extruded aluminum track channel, carriers, end stops, and other accessories for a complete, operational track system. Track channel is either curved or straight in continuous lengths up to 16 feet. Bends have an approximate 12" radius.



8000 Cubicle Track: Made from extruded 6063 aluminum with commercial clear coated Silver Satin finish.



Nylon parts are extremely durable and will not rust or break. All nylon parts have UV inhibitors.

C-240 Two Wheel Cubicle Carrier Extra Wide Body: Made of two self-lubricating nylon wheels, nylon axle, tangle-free nylon swivel stem and hard nickel-plated steel hook reduces jamming.

C-215 Two Wheel Carrier with Chain: Made of two self-lubricating nylon wheels, a nylon axle, a stainless steel beaded chain, and a hard nickel plated hook.



C-220 Plastic End Cap with removable gate: Made of nylon with a removable gate to permit access to track carriers.



C-260 Plastic End Cap

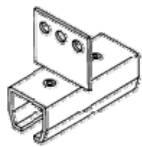


C-235 Aluminum Splice



90° & 45° bends

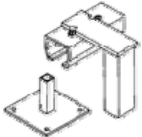
Series 7000—Freestanding and Ceiling Mounted Roller Track



Beam or Chain Support Mount: Attaches to a beam or any member immediately above the top level of the curtain. May be used with radius curved corners.



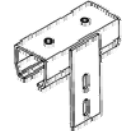
Ceiling Mount: Attaches directly to ceiling or any flat horizontal surface directly above the curtain. May be used with rounded angle or radius curved corners.



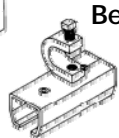
Floor Column (Free Standing): Permits erection of screens in any area. Base and tube assembly may be used with round right angle corners.



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.



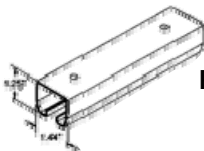
Wall Mount: Attaches vertical surfaces. May be used with other mounting techniques.



Beam Flange Connectors: Allows attachment of roof truss sections, beams, and channels. Secured with edge clamps and set screws. Clamps can be rotated for proper alignment.



Nylon roller with 1/2" hook



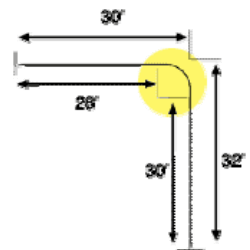
Roller track



Radius Curved Track with Plain Connectors—If you want your curtain wall to turn a corner, you will need to order a 24" radius corner for each corner.

How to Measure for Radius Corner

The radius corner extends two feet in each direction.



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Products for this millennium

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