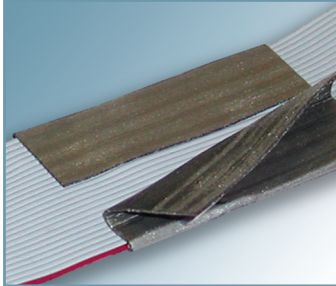
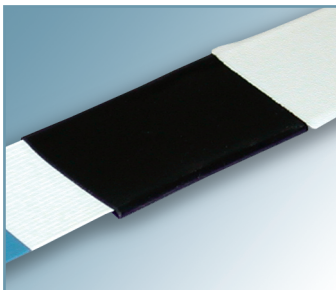




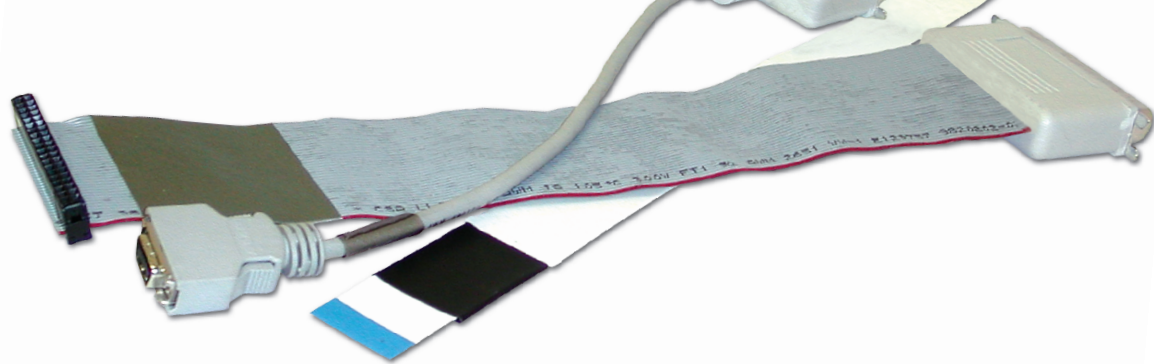
installation over cable bundle



installation by fully wrapping over top and bottom of flat cable width (shown partially detached for exhibit purposes only)



flex-circuit installation



RFI-EMI cable strap absorber shielding

SPECIFIC FREQUENCY RANGE TUNED; WITH PRESSURE SENSITIVE ADHESIVE MOUNTING

applications

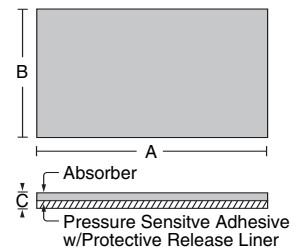
A very powerful high-frequency absorber which can be incorporated non-invasively with almost any component. For use on flat or round cables, cable groupings, flex-circuits and circuit board components; in particular when a specific frequency range or harmonic needs to be addressed. 2 - 3dB attenuation improvement is common.

Five frequency-specific formulations and our popular broadband formulation are available in easy-to-assemble strips which accommodate flat cable widths up to 2.5" (63,5mm), 50 conductors. Installs with adhesive backing by wrapping completely around flat (or round) cables with a .250" - .375" (6,3 - 9,5mm) overlap.

- Flat and round cables, flex-circuits, components
- Considerable amount of attenuation in small footprint
- Frequency-specific tuning options: 50MHz - 5GHz
- Very low profile; little or no space consideration
- Lightweight, conformable, flexible, inconspicuous
- Easy adhesive mount installation, very cost-effective

characteristics

Material Characteristic	Measure
Frequency Range	40MHz - 5.0GHz
Peak Frequency Choices	100, 300, 400, 500, 800MHz, 3.2GHz
Temperature Range	-20° to 100°C
Flammability Rating	UL94V-0
Adhesive: Temperature	-18° to 83°C
Tack	8.4 p.s.i. (stainless steel)
Shear	300+ hrs @ 2 p.s.i. @ 22°C
	ASTM D-3575
	ASTM D-3575
	ASTM D-3575



Part Number	For Cable Width - Conductors	Peak Frequency	A - Width	B - Length	C - Thickness	Impedance @ Peak Frequency Free Space Transfer Fixture ¹ - Ohms ²
SC009EA100	.45 11,4 - 9	100MHz	1.500 38,1	2.000 50,8	.002 0,05	17.3dB @ 100MHz - 40
SC009EA300		300MHz			.007 0,18	17.6dB @ 300MHz - 210
SC009EA400		400MHz			.012 0,30	17.2dB @ 400MHz - 240
SC009EA500		500MHz			.020 0,50	17.8dB @ 500MHz - 310
SC009EA800		800MHz			.014 0,36	17.9dB @ 800MHz - 360
SC009EA3200	1.25 31,8 - 15	3.2GHz	2.000 50,8	2.000 50,8	.005 0,13	31.2dB @ 3.2GHz - N/A
SC015EA100		100MHz			.002 0,05	17.3dB @ 100MHz - 40
SC015EA300		300MHz			.007 0,18	17.6dB @ 300MHz - 210
SC015EA400		400MHz			.012 0,30	17.2dB @ 400MHz - 240
SC015EA500		500MHz			.020 0,50	17.8dB @ 500MHz - 310
SC015EA800	1.75 44,5 - 25	800MHz	3.000 76,2	2.000 50,8	.014 0,36	17.9dB @ 800MHz - 360
SC015EA3200		3.2GHz			.005 0,13	31.2dB @ 3.2GHz - N/A
SC025EA100		100MHz			.002 0,05	17.3dB @ 100MHz - 40
SC025EA300		300MHz			.007 0,18	17.6dB @ 300MHz - 210
SC025EA400		400MHz			.012 0,30	17.2dB @ 400MHz - 240
SC025EA500	2.00 50,8 - 40	500MHz	4.500 114,3	2.000 50,8	.020 0,50	17.8dB @ 500MHz - 310
SC025EA800		800MHz			.014 0,36	17.9dB @ 800MHz - 360
SC025EA3200		3.2GHz			.005 0,13	31.2dB @ 3.2GHz - N/A
SC040EA100		100MHz			.002 0,05	17.3dB @ 100MHz - 40
SC040EA300		300MHz			.007 0,18	17.6dB @ 300MHz - 210
SC040EA400	2.50 63,5 - 50	400MHz	5.500 139,7	2.000 50,8	.012 0,30	17.2dB @ 400MHz - 240
SC040EA500		500MHz			.020 0,50	17.8dB @ 500MHz - 310
SC040EA800		800MHz			.014 0,36	17.9dB @ 800MHz - 360
SC040EA3200		3.2GHz			.005 0,13	31.2dB @ 3.2GHz - N/A
SC050EA100		100MHz			.002 0,05	17.3dB @ 100MHz - 40
SC050EA300	2.50 63,5 - 50	300MHz	5.500 139,7	2.000 50,8	.007 0,18	17.6dB @ 300MHz - 210
SC050EA400		400MHz			.012 0,30	17.2dB @ 400MHz - 240
SC050EA500		500MHz			.020 0,50	17.8dB @ 500MHz - 310
SC050EA800		800MHz			.014 0,36	17.9dB @ 800MHz - 360
SC050EA3200		3.2GHz			.005 0,13	31.2dB @ 3.2GHz - N/A

(1) Tested in microline transfer fixture, results may not coordinate with open length cable applications. Specific testing of each application is recommended.

(2) Tested on attenuation analyzer, binding post fixture.