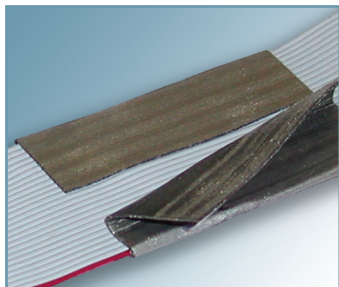
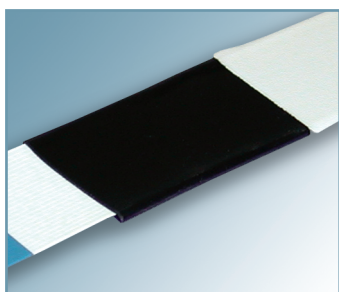


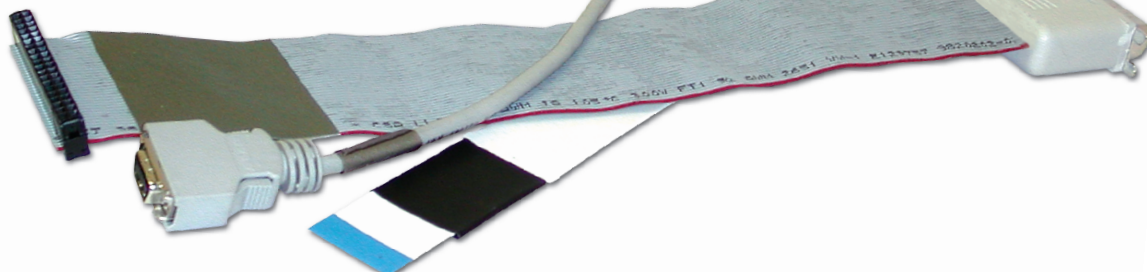
installation over cable bundle



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

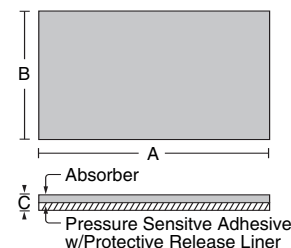
A very powerful high-frequency absorber which can be incorporated non-invasively with almost any component. For use on flat or round cables, cable groupings, flex-circuits and circuit board components; in particular when a specific frequency range or harmonic needs to be addressed. 2 - 3dB attenuation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



(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.

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			.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