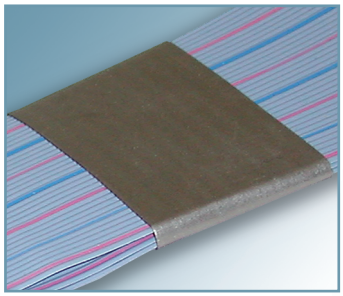
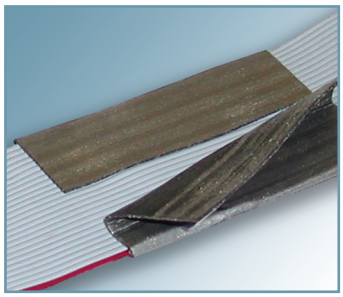
The Leading Source for EMI Shielding
Reliable Board, Enclosure and Cable Solutions

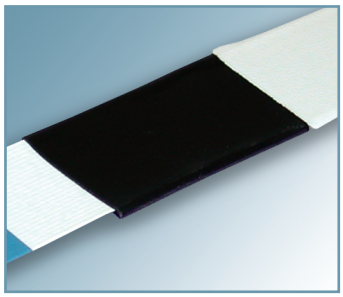
LEADER TECH
a HEICO company



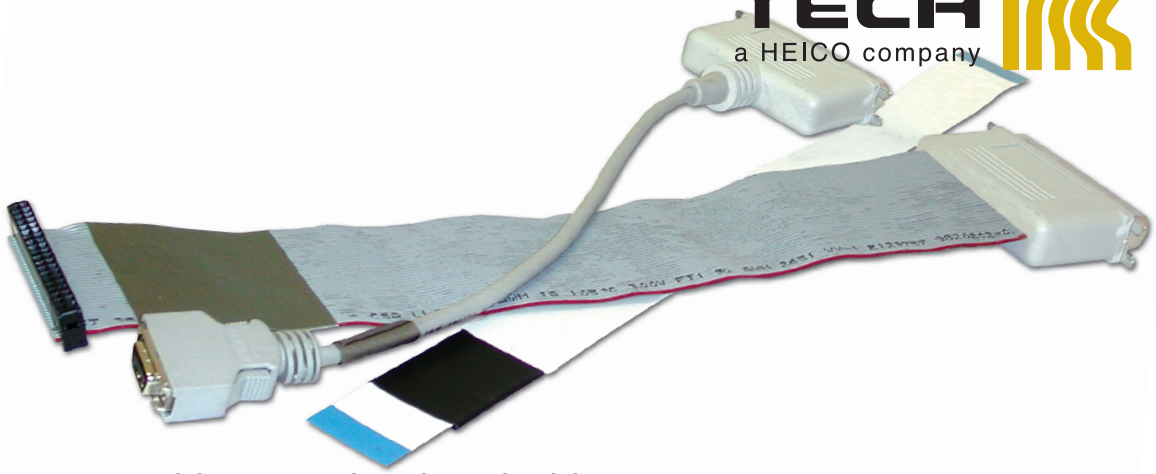
installation over cable bundle



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

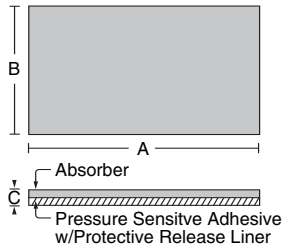
A very powerful high-frequency absorber which can be incorporated non-invasively with almost any component. For use on flat or round cables, cable groupings, flex-circuits and circuit board components; in particular when a specific frequency range or harmonic needs to be addressed. 2 - 3dB attenuation 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	ASTM D-3575
Tack	8.4 p.s.i. (stainless steel)	ASTM D-3575
Shear	300+ hrs @ 2 p.s.i. @ 22˚C	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		100MHz			.002 *0,05*	17.3dB @ 100MHz – 40
SC009EA300		300MHz			.007 *0,18*	17.6dB @ 300MHz – 210
SC009EA400	.45 *11,4* - 9	400MHz	1.500 *38,1*	2.000 *50,8*	.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		3.2GHz			.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	1.25 *31,8* - 15	400MHz	2.000 *50,8*	2.000 *50,8*	.012 *0,30*	17.2dB @ 400MHz – 240
SC015EA500		500MHz			.020 *0,50*	17.8dB @ 500MHz – 310
SC015EA800		800MHz			.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	1.75 *44,5* - 25	400MHz	3.000 *76,2*	2.000 *50,8*	.012 *0,30*	17.2dB @ 400MHz – 240
SC025EA500		500MHz			.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	2.00 *50,8* - 40	400MHz	4.500 *114,3*	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		300MHz			.007 *0,18*	17.6dB @ 300MHz – 210
SC050EA400	2.50 *63,5* - 50	400MHz	5.500 *139,7*	2.000 *50,8*	.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.

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