

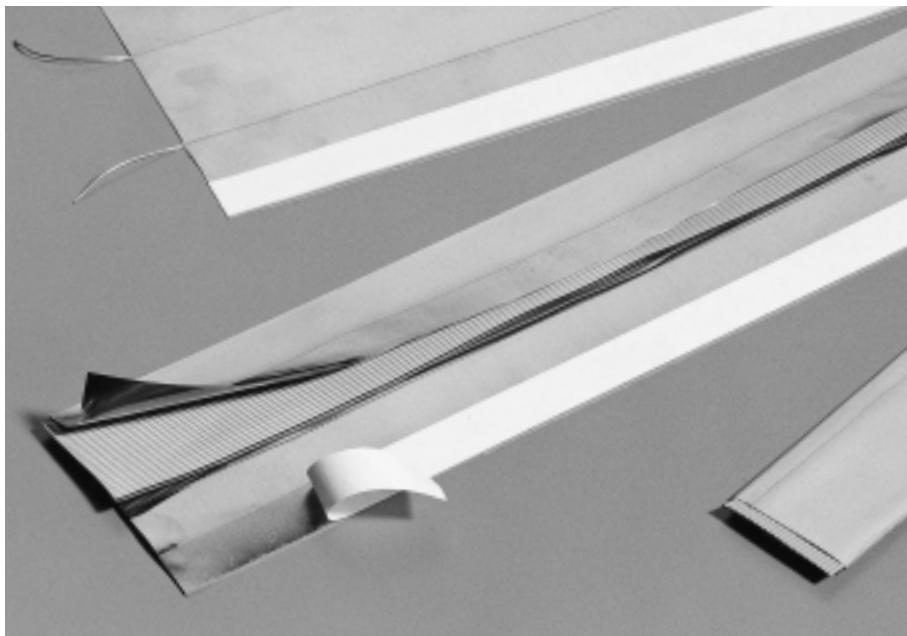
CHO-JAC® Flat Cable EMI Shield

CHO-JAC Flat Cable EMI Shield

CHO-JAC shielding is a high quality flat cable jacket designed to attenuate RF signals and bring digital electronic devices into EMC compliance at an attractive cost. It is light-weight and very flexible, easing cable routing during assembly.

The jacket is designed with a 360° aluminum or copper shield, bonded with a metal overlap to a polyester layer which resists scuff, wear and tear. Metal-to-metal contact is established as the jacket wrap is completed. This design provides the maximum EMI shielding when properly sealed and terminated. Integral wires simplify folding and termination, and provide crack resistance. Pressure-sensitive adhesive eliminates heat-sealing irons and zippers.

Two standard designs permit specification of a foil/film combination which meets your shielding requirements. For moderate performance and lower cost, CJ-021 aluminum/polyester is offered. For greater shielding effectiveness, select CJ-022, constructed of copper/polyester.



CHO-JAC CJ-021 and CJ-022 flat cable shields

CHO-JAC shielding passes the flame retardancy requirements of UL specification 94V-0.

For more information, request Chomerics' Technical Bulletin 73.

Ordering Procedure

CHO-JAC shielding is offered in sizes to fit cables with 10, 16, 20, 26, 34, 40, 50, 60 or 64 conductors. Use the following part number system when ordering. Standard roll length is 100 feet (30.4 meters).

CJ - XXX - YY

PRODUCT DESIGNATION	
021 aluminum	022 copper

Width of cable to be shielded, inches (mm)	NO. OF CONDUCTORS (0.05 INCH CENTER WIRE)									
	10	16	20	26	34	40	50	60	64	
0.50 (12.70)	0.80 (20.32)	1.00 (25.40)	1.30 (33.02)	1.70 (43.18)	2.00 (50.80)	2.50 (63.50)	3.00 (76.20)	3.20 (81.28)		

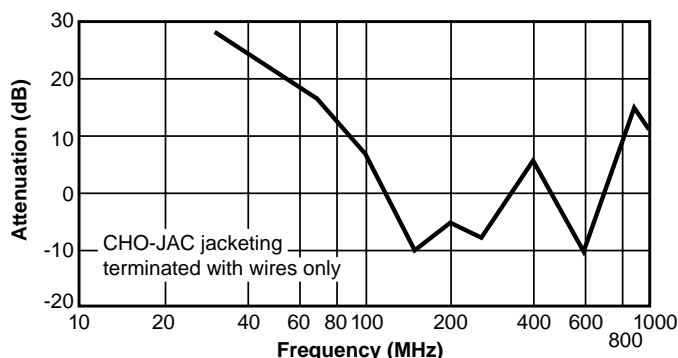


Figure 1 Shielding Effectiveness with Wire Ground Termination

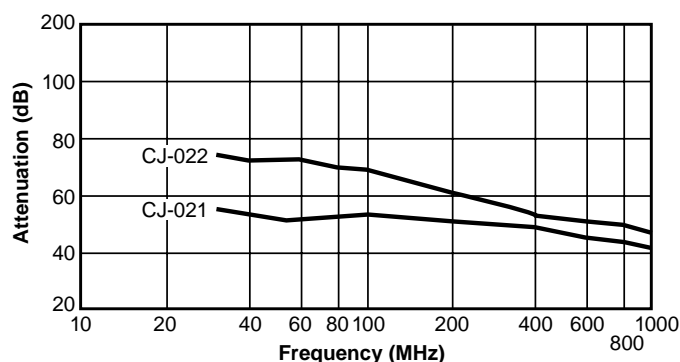


Figure 2 Shielding Effectiveness with 360° Ground Termination