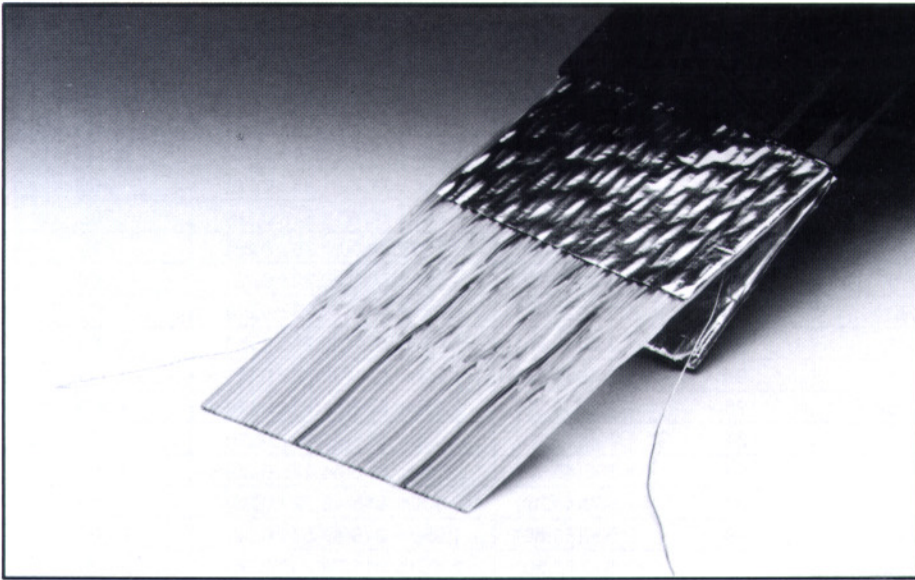


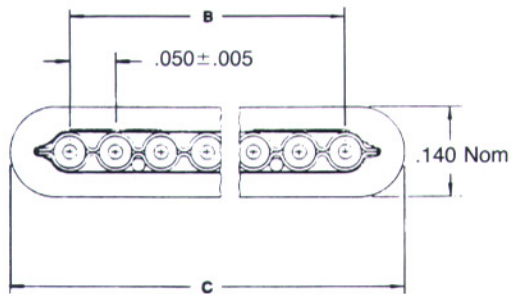
Twist 'N' Flat[®] jacketed cable with aluminum/poly shield — 152 series



description

With all the labor saving benefits of Twist 'N' Flat, which combines the electrical characteristics of twisted pairs with alternating flat sections for quick and easy mass termination, the addition of shielding and jacketing helps comply with the tough EMI/RFI standards of the FCC.

Jacketed Twist 'N' Flat cable is available in its standard off-the-rack configuration — 2" flat section alternating with an 18" twisted pairs section. It can also be custom-tailored to fit your exact application needs, with flat sections longer than 3" and twisted pairs sections up to 100 feet long.



order information

Series 152-2831-0XX

P/N	Cond	C	B	Inner Cable
843-152-2831-010	10	0.590 nom	0.450±.015	132-2801-010
843-152-2831-014	14	0.790 nom	0.650±.015	132-2801-014
843-152-2831-016	16	0.890 nom	0.750±.015	132-2801-016
843-152-2831-020	20	1.090 nom	0.950±.015	132-2801-020
843-152-2831-026	26	1.390 nom	1.250±.015	132-2801-026
843-152-2831-034	34	1.790 nom	1.650±.015	132-2801-034
843-152-2831-040	40	2.090 nom	1.950±.020	132-2801-040
843-152-2831-050	50	2.590 nom	2.450±.020	132-2801-050
843-152-2831-060	60	3.090 nom	2.950±.020	132-2801-060

benefits

- Labor and cost savings
- Twisted-pair electrical characteristics
- Quick and easy mass termination
- EMI/RFI shielding
- Spectra-Guard[®] extruded jacket
- UL CL2 and CSA

characteristics

Inner Cable (Twist 'N' Flat)

Conductor: 28-7/36, tinned copper
 Insulation: Extruded PVC, .010 nominal wall
 Laminate: .005 clear PVC (2) layers
 Temperature: 80°C, (105°C available upon request)
 Voltage: 300V
 UL Style: 2697
 CSA Certified

Jacket (Spectra-Guard)

Insulation: Extruded black PVC, .030 min. avg. wall
 Shield: Aluminum/poly
 Drains: 28-7/36, tinned copper
 Temperature: 80°C (105°C available upon request)
 Voltage: 150V
 UL Listed Power Limited
 Circuit Cable CL2
 CSA AWM I/II A80° 300 V, FT-1.

Test Data (10-foot sample)

Capacitance: 22 pf/ft. (S-G/Shield configuration 1 MHz)
 Impedance: 75 ohm (S-G/Shield configuration)
 Propagation Delay: 1.6 nsec./ft.

152 series capabilities

- 843-152-2811-XXX Twist 'N' Flat, jacketed, no shield, no drain wires
- 843-152-2831-XXX Twist 'N' Flat, jacketed, aluminum/poly shielded, two drain wires
- 843-152-2821-XXX Twist 'N' Flat, jacketed, copper mesh shield

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

[152-2831-010](#) [152-2831-014](#) [152-2831-016](#) [152-2831-020](#) [152-2831-026](#) [152-2831-034](#) [152-2831-040](#) [152-2831-050](#) [152-2831-060](#) [152-2831-064](#)