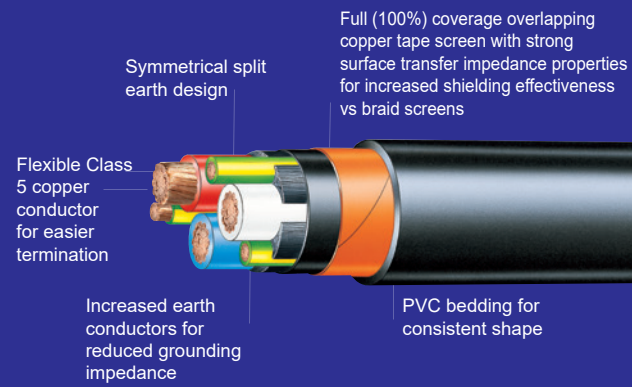


Nexans VSD Flexible Cables are specially designed to deliver better EMC (Electro Magnetic Compatibility) performance than traditional braided cable. With increased shielding effectiveness, it improves transfer impedance, making it ideal for a variety of applications in manufacturing, tunnels and processing plants including motors, pumps, compressors, conveyor belts and other machinery.



NEW

Nominal conductor area	Nominal insulation thickness	Combined earth size area	Nominal overall diameter	Approx. mass	Min. Bend Radii (installed)	Code	Product code
mm ²	mm	mm ²	mm	kg/100m	mm		
2.5	0.7	2.5*	14.6	33	175	4532	FTDR05AA003CXRJ
4.0	0.7	4.5	16.8	46	202	1023	FTDR06AA003CXRJ
6.0	0.7	4.5	18.7	55	224	2197	FTDR07AA003CXRJ
10.0	0.7	4.5	19.3	71	231	7316	FTDX01AA003CXRJ
16.0	0.7	7.5	21.6	95	260	7781	FTDX02AA003CXRJ
25.0	0.9	12.0	24.5	125	294	4621	FTDX03AA003CXRJ
35.0	0.9	18.0	27.1	165	325	8447	FTDX04AA003CXRJ
50.0	1.0	30.0	31.4	235	377	9179	FTDX05AA003CXRJ
70.0	1.1	30.0	35.8	305	430	1289	FTDX06AA003CXRJ
95.0	1.1	48.0	40.3	400	484	7178	FTDX07AA003CXRJ
120.0	1.2	48.0	45.3	500	543	3453	FTDE87AA003CXRJ
150.0	1.4	75.0	50.2	620	603	9277	FTDE88AA003CXRJ
185.0	1.6	75.0	55.2	740	663	8993	FTDE89AA003CXRJ
240.0	1.7	105.0	61.7	960	741	7565	FTDE90AA003CXRJ
300.0	1.8	150.0	69.0	1207	827	7513	FTDE91AA003CXRJ

Note: *Split earth not feasible, therefore a single earth conductor is utilised.



Maximum Operating Temp

90 °C

Voltage Rating

0.6/1 kv

Construction

Multicore flexible conductor (Class 5)
X-90 insulated
PVC sheathed

Standards

AS/NZS 5000.1

Current Ratings

Refer to AS/NZS 3008 table 14

Superior EMC Performance for more accurate and efficient Variable Speed Drives.

Varolex® unique cable design incorporates 100% coverage copper tape screen, symmetrical split earth, increased earth sizes and low capacitance insulation thus it delivers superior EMC performance through better transfer impedance and shielding effectiveness as shown below.



High flexibility

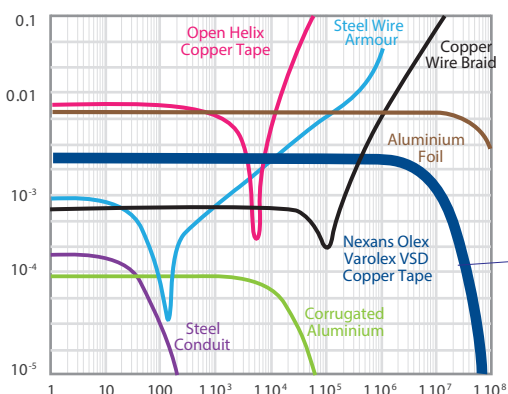


Electromagnetic compatibility



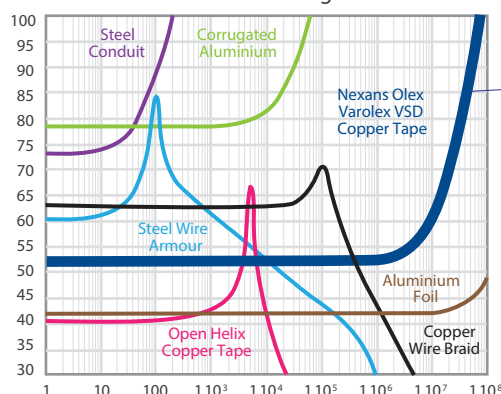
Operating temperature

Screen Performance Transfer Impedance



Varolex® design copper tape

Screen Performance Shielding Effectiveness



Varolex® design copper tape

** These graphs are calculated using Nexans cable designs and only appropriate to the Nexans cable offer.
The use of these graphs without Nexans permission is prohibited.