



Medical non PVC Cable 300 Volt 80°C

This product is a Halogen-Free, PVC Alternative, multi-conductor control cable designed for internal use in electronic equipment. For use in flexible or stationary applications under medium mechanical stress with free movement. Common applications include medial instrumentation, controls and sensors or any application requiring the smallest electronic control cable available on the market. The flame retardant, halogen free jacket gives off no corrosive gases when exposed to fire or flame. This PVC alternative is Cradle-to Cradle Certified by MBDC.



Construction:

- Fine tinned copper strands to ASTM B-174
- Halogen free insulation
- Each conductor color coded for identification
- Halogen free outer jacket

Technical

- Working voltage 300 volts
- Test voltage 3000 volts
- Flexing bending radius 15 x diam
- Static bending radius 5 x diam
- Temp -40°C to +80°C

Approvals:

- UL AWM 21460 300V 80°C
- .006" insulation / .015" Jacket
- cRU I/II A FT-1
- Passes UL VW-1 Flame Test
- CE, RoHS, and Reach Compliant

Item Number	AWG	Conds	Nominal O.D.
EM-2802	28 (7/36)	2	.091"
EM-2803	28 (7/36)	3	.095"
EM-2804	28 (7/36)	4	.103"
EM-2815	28 (7/36)	15	.169"
EM-2825	28 (7/36)	25	.207"
EM-2602	26 (7/34)	2	.095"
EM-2603	26 (7/34)	3	.100"
EM-2604	26 (7/34)	4	.108"
EM-2615	26 (7/34)	15	.179"
EM-2625	26 (7/34)	25	.219"
EM-2402	24 (7/32)	2	.105"
EM-2403	24 (7/32)	3	.110"
EM-2404	24 (7/32)	4	.120"
EM-2415	24 (7/32)	15	.202"
EM-2425	24 (7/32)	25	.249"

Item Number	AWG	Conds	Nominal O.D.
EM-2202	22 (7/30)	2	.117"
EM-2203	22 (7/30)	3	.123"
EM-2204	22 (7/30)	4	.135"
EM-2215	22 (7/30)	15	.230"
EM-2225	22 (7/30)	25	.285"
EM-2002	20 (10/30)	2	.129"
EM-2003	20 (10/30)	3	.136"
EM-2004	20 (10/30)	4	.149"
EM-2015	20 (10/30)	15	.259"
EM-2025	20 (10/30)	25	.321"
EM-1802	18 (16/30)	2	.153"
EM-1803	18 (16/30)	3	.162"
EM-1804	18 (16/30)	4	.178"
EM-1815	18 (16/30)	15	.315"
EM-1825	18 (16/30)	25	.393"

- Cables are also available with foil or braid shields.
- The above assortment is representative of the product line, custom cables are make-to-order to customer specifications