

Medical Cables

Disposable

Medical Applications and Devices

Calmont manufactures both Disposable and Reusable medical cables. The requirements of these two cable types are quite different, and so we address these medical cables as two unique products.

Disposable Cables

By definition, disposable cables are intended for one time or limited use. Minimizing cost, while performing its intended function is of primary importance. PVC and polyethylene are the insulations most commonly used. Conductors are generally bare or tinned copper. Shields when needed are generally spiral or aluminized Mylar. These cables may be gamma radiation sterilized.

INCLUDES

- Catheter
- Diagnostic Imaging
- Endoscopy
- Implant Devices
- Laproscopy
- Laser
- Medical Robotics
- Oximetry
- Patient Monitoring
- Surgical Instruments

SuperFlex EKG Wire

Superflex Hookup wire is commonly used for single-use electrode applications. Superflex is available in a full range of sizes and is available with a variety of conductor types including high strength alloy and tinsel.

Part Number See How To Order Page	Bare Copper Conductor						Finished Wire			
	AWG SIZE	STRANDS No. of Strands Strand Size	Strand Diameter (inches)	Conductor Diameter Nominal	Conductor (CM) Nominal	Conductor Area Resistance (OHMS/1000' Nominal)	Current Carrying Capacity (Approximate)	Outside Diameter (± .003)	Weight lbs./1000' (approximate)	Stiffness Comparison (pounds)
3006-024-20-1-C-U-CCC	20	105/40	.0031	.039	1038.30	10.00	4.00	.054	4.82	.1800
3006-024-22-1-C-U-CCC	22	65/40	.0031	.031	642.70	16.10	2.50	.040	2.80	.1500
3006-023-24-1-C-CCC-S	24	41/40	.0031	.023	405.40	25.60	1.60	.047	2.30	.0780
3006-023-26-1-C-CCC-S	26	66/44	.0020	.019	258.10	40.20	1.00	.042	1.60	.1360
3006-023-28-1-C-CCC-S	28	41/44	.0020	.015	160.30	64.70	.60	.038	1.20	.0224
3006-023-28-1-C-CCC-S	28	41/44	.0020	.015	160.30	64.70	.60	.038	1.20	.0224
3006-023-29-1-C-CCC-S	29	51/46	.0016	.014	125.50	82.70	.50	.030	.80	.0120
3006-024-30-1-C-U-CCC	30	41/46	.0016	.012	100.90	102.80	.40	.017	.48	.0072

Please see Calmont High Flex Product Section for complete specifications.