

Instrumentation Wire and Cable

Sensor Cables

Sensor wires and cables use the widest range of materials of all the products manufactured by Calmont, insulation material other than standard insulations are required because of their unique operating environment. At Calmont, we often say, "if it can be melt processed, we probably have used it to insulate a cable." Unusual materials such as Valox, Ultem, Siltem, Cellulose Acetate, Delrin, and Lexan have been utilized to meet demanding customer requirements. These include applications such as vacuum chamber environments, zero halogen requirements, low water absorption requirements and requirements for extreme rigidity. More traditional materials such as PVC and Polyurethane are quite often used as well.

SuperFlex PVC/PVC Sensor Cables

PART NUMBER See How to Order Page for Information	AWG Size	Strands No./Size	Uninsulated Conductor Diameter	Insulated Conductor Diameter	Diameter Over Shield (Nominal)	Overall Diameter (Nominal)	W (lbs./M
THREE CONDUCTOR							
3006-023-26-3-C-CCC-S	26	66/44	.019	.042	.104	.128	12.1
3006-023-28-3-C-CCC-S	28	41/44	.015	.038	.096	.119	10.0
3006-023-29-3-C-CCC-S	29	51/46	.014	.030	.078	.100	7.7
3006-023-30-3-C-CCC-S	30	41/46	.012	.028	.074	.095	7.1
FOUR CONDUCTOR							
3006-023-26-4-C-CCC-S	26	66/44	.019	.042	.115	.145	14.5
3006-023-28-4-C-CCC-S	28	41/44	.015	.038	.106	.136	12.1
3006-023-29-4-C-CCC-S	29	51/46	.014	.030	.086	.116	9.2
3006-023-30-4-C-CCC-S	30	41/46	.012	.028	.081	.111	8.5
SIX CONDUCTOR							
3006-023-26-6-C-CCC-S	26	66/44	.019	.042	.140	.170	19.5
3006-023-28-6-C-CCC-S	28	41/44	.015	.038	.128	.158	16.0
3006-023-29-6-C-CCC-S	29	51/46	.014	.030	.104	.134	12.1
3006-023-30-6-C-CCC-S	30	41/46	.012	.028	.098	.128	10.9

Please see Calmont High Flex Product Section for complete specifications and additional sizes.