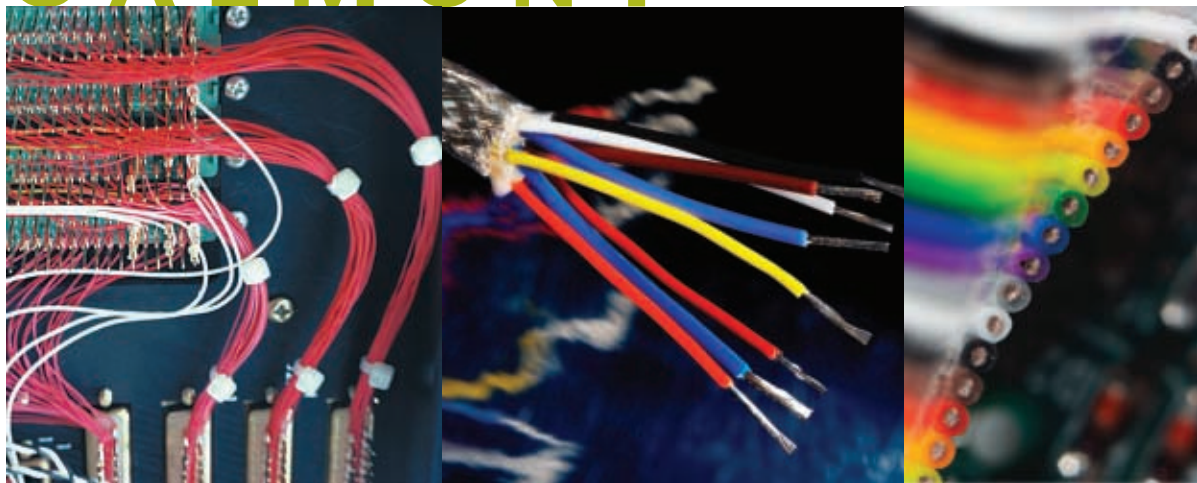




CALMONT



WIRE AND CABLE

SuperFlex

FluoroFlex

SiliFlex

SiliFlex Ribbon Cable

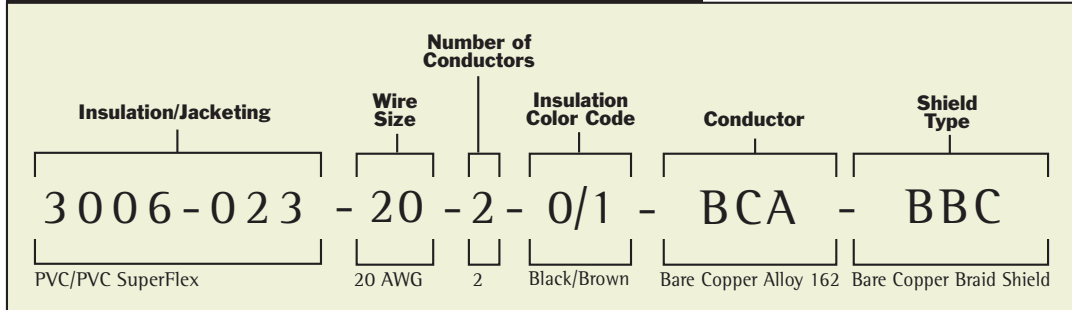
Flat Braid





How To Order Calmont High Flex Products

SAMPLE ORDERING NUMBER



CALMONT HIGH FLEX CABLE OPTIONS

Part #	Insulation/Jacketing	-A WIRE SIZE AWG	-N NUMBER OF CONDUCTORS	-C PRIMARY INSULATION COLORS	-CCC CONDUCTOR TYPE		-S SHIELD STYLE
					ABBREVIATION	DESCRIPTION	
3006-023	PVC/PVC	20 AWG through 40 AWG	Customer to specify.	Per MIL-STD-6 0 = Black 1 = Brown 2 = Red 3 = Orange 4 = Yellow 5 = Green 6 = Blue 7 = Violet 8 = Grey 9 = White	BC	Bare Copper	U = No Shield
3006-031	PVC/TPE				BCA	Bare Copper Alloy 162	BC
3006-051	PVC/PU				BCW	Bare CopperWeld	BCA
3006-024	FEP/FEP				BPB	Bare Phosphor Bronze	Bronze
3006-024	FEP/FEP				CON	Constantan	BCW
3006-029	FEP/SILICONE				HIP	High Permeable Iron	HIP
3006-032	FEP/TPE				KN	Alumel	LOP
3006-052	FEP/PU				KP	Chromel	NIC
3006-028	SILICONE/SILICONE				LOP	Low Permeable Iron	NPA
3006-026	SILICONE/FEP				NIC	Nickel	NPC
3006-034	SILICONE/TPE				NPA	Nickel plated Alloy 135	NPC
					NPC	Nickel plated Copper	SCW
					SCW	Silver plated CopperWeld	SPA
		SPA	Silver plated alloy 135	SPC			
		SPC	Silver plated Copper	SPCS95			
		SPCS95	Silver plated Alloy CS-95	SS			
		SS	Stainless Steel	TC			
		TC	Tin plated Copper	TCA			
		TCA	Tin plated Alloy 162	TCW			
		TCW	Tin plated CopperWeld				
				(B)	Braid Shield		
				(S)	Spiral Shield		

FluoroFlex Wire & Cable

Fluoroflex Hookup and Multiconductor Cables

FEATURES:

- Low coefficient of friction
- Wide operating temperature usage range -150°C to 200°C
- Electrically stable
- High flexural fatigue life
- Flame resistant
- Will not outgas

GENERAL DESCRIPTION

Calmont's precision extrusion techniques combine the superior properties of FEP Teflon® with the durability of a highly stranded conductor to produce an unequal product – FluoroFlex. It is small and lightweight, yet will withstand the severe and repeated flexing that usually destroys other fluorocarbon insulated wires.

APPLICATIONS

FluoroFlex is highly versatile and suitable for broad usage in aerospace, computer and medical electronics. Being chemically inert, FluoroFlex can be used for medical implantation. It has the smallest finished diameter of any of the Calmont's high flex products. This is of great importance in aerospace applications. FluoroFlex's excellent dielectric properties also make it ideal for data and audio applications.

MULTICONDUCTOR JACKET OPTIONS

- FEP • SILICONE • TPE • POLYURETHANE • PU • PVC

General Specifications

ELECTRICAL PROPERTIES

D.C. Volume Resistivity (ohm – CM)	2 x 10 ¹⁸
Dielectric Strength (VPM on .125 slab)	600
Dielectric Constant:	
at 60 Hz	2.1
at 10 ³ Hz	2.1
at 10 ⁶ Hz	2.1
Dissipation Factor:	
at 60 Hz	.0003
at 10 ³ Hz	.0003
at 10 ⁶ Hz	.0007

PHYSICAL PROPERTIES

Specific Gravity	2.13 – 2.20
Specific Volume (cubic inches/pound)	13.2 – 12.6
Elongation (%)	250 – 330
Burning Rate	0

THERMAL PROPERTIES

Temperature Rating (severe and repeated flexing)	-150° to 200°C
Temperature Rating (limited flexing)	From -268°C

Calmont FluoroFlex Hookup Wire

Part Number	Bare Copper Conductor ¹						Finished Wire			
	AWG SIZE	(No. of Strands/ Strand Size)	Strand Diameter (inches)	Conductor Diameter (Nominal)	Conductor Area (CM) (Nominal)	Conductor Resistance (OHMS/1000' NOM)	Current Carrying Capacity @80°C (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
3006-024-24-1-C-U-CCC	24	41/40	.0031	.023	405.40	25.60	1.60	.031	1.77	.1100
3006-024-26-1-C-U-CCC	26	66/44	.0020	.019	258.10	40.20	1.00	.024	10.90	.0500
3006-024-28-1-C-U-CCC	28	41/44	.0020	.015	160.40	64.70	.60	.020	.72	.0240
3006-024-29-1-C-U-CCC	29	51/46	.0016	.014	125.50	82.70	.50	.019	.58	.0120
3006-024-30-1-C-U-CCC	30	41/46	.0016	.012	100.90	102.80	.40	.017	.48	.0072
3006-024-32-1-C-U-CCC	32	27/46	.0016	.009	66.41	156.20	.25	.015	.35	.0051
3006-024-34-1-C-U-CCC	34	40/50	.0010	.008	38.92	366.50	.16	.014	.25	.0038
3006-024-36-1-C-U-CCC	36	25/50	.0010	.006	24.32	426.40	.10	.012	.17	.0030
3006-024-38-1-C-U-CCC	38	16/50	.0010	.005	15.57	666.20	.06	.011	.13	.0024
3006-024-40-1-C-U-CCC	40	12/50	.0010	.003	11.67	888.30	.04	.010	.11	.0022

¹Contact Calmont for additional conductor options



FluoroFlex Wire & Cable

FEP/FEP

FEP INSULATED, SHIELDED AND FEP JACKETED 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)	Weight (lbs./M Ft.)
ONE CONDUCTOR							
3006-024-20-1-C-CCC-S	20	105/40	.039	.054	.068	.088	9.5
3006-024-22-1-C-CCC-S	22	65/40	.031	.040	.054	.074	6.6
3006-024-24-1-C-CCC-S	24	41/40	.023	.031	.045	.065	5.0
3006-024-26-1-C-CCC-S	26	66/44	.019	.024	.038	.054	3.5
3006-024-28-1-C-CCC-S	28	41/44	.015	.020	.034	.050	2.8
3006-024-29-1-C-CCC-S	29	51/46	.014	.019	.033	.049	2.6
3006-024-30-1-C-CCC-S	30	41/46	.012	.017	.031	.047	2.4
TWO CONDUCTOR							
3006-024-20-2-C-CCC-S	20	105/40	.039	.054	.116	.140	18.5
3006-024-22-2-C-CCC-S	22	65/40	.031	.040	.090	.114	12.5
3006-024-24-2-C-CCC-S	24	41/40	.023	.031	.073	.097	9.1
3006-024-26-2-C-CCC-S	26	66/44	.019	.024	.059	.079	6.3
3006-024-28-2-C-CCC-S	28	41/44	.015	.020	.052	.072	5.0
3006-024-29-2-C-CCC-S	29	51/46	.014	.019	.050	.070	4.6
3006-024-30-2-C-CCC-S	30	41/46	.012	.017	.046	.062	3.8
THREE CONDUCTOR							
3006-024-20-3-C-CCC-S	20	105/40	.039	.054	.130	.154	24.3
3006-024-22-3-C-CCC-S	22	65/40	.031	.040	.100	.124	16.0
3006-024-24-3-C-CCC-S	24	41/40	.023	.031	.081	.105	11.5
3006-024-26-3-C-CCC-S	26	66/44	.019	.024	.065	.085	7.8
3006-024-28-3-C-CCC-S	28	41/44	.015	.020	.057	.077	6.1
3006-024-29-3-C-CCC-S	29	51/46	.014	.019	.055	.075	5.5
3006-024-30-3-C-CCC-S	30	41/46	.012	.017	.050	.070	4.9
FOUR CONDUCTOR							
3006-024-20-4-C-CCC-S	20	105/40	.039	.054	.144	.174	32.1
3006-024-22-4-C-CCC-S	22	65/40	.031	.040	.110	.140	21.1
3006-024-24-4-C-CCC-S	24	41/40	.023	.031	.088	.112	14.0
3006-024-26-4-C-CCC-S	26	66/44	.019	.024	.072	.096	10.1
3006-024-28-4-C-CCC-S	28	41/44	.015	.020	.062	.082	7.3
3006-024-29-4-C-CCC-S	29	51/46	.014	.019	.060	.080	6.6
3006-024-30-4-C-CCC-S	30	41/46	.012	.017	.055	.075	5.8
FIVE CONDUCTOR							
3006-024-20-5-C-CCC-S	20	105/40	.039	.054	.159	.195	39.9
3006-024-22-5-C-CCC-S	22	65/40	.031	.040	.122	.152	24.9
3006-024-24-5-C-CCC-S	24	41/40	.023	.031	.097	.121	16.5
3006-024-26-5-C-CCC-S	26	66/44	.019	.024	.078	.102	11.7
3006-024-28-5-C-CCC-S	28	41/44	.015	.020	.068	.088	8.4
3006-024-29-5-C-CCC-S	29	51/46	.014	.019	.065	.085	7.5
3006-024-30-5-C-CCC-S	30	41/46	.012	.017	.060	.080	6.7
SIX CONDUCTOR							
3006-024-20-6-C-CCC-S	20	105/40	.039	.054	.176	.212	46.3
3006-024-22-6-C-CCC-S	22	65/40	.031	.040	.134	.164	28.7
3006-024-24-6-C-CCC-S	24	41/40	.023	.031	.107	.131	19.0
3006-024-26-6-C-CCC-S	26	66/44	.019	.024	.086	.110	13.3
3006-024-28-6-C-CCC-S	28	41/44	.015	.020	.074	.098	10.1
3006-024-29-6-C-CCC-S	29	51/46	.014	.019	.071	.095	9.1
3006-024-30-6-C-CCC-S	30	41/46	.012	.017	.065	.085	7.5

NOTE 1: Data based on 85% braid shield coverage. Other shield coverages and types are available.

NOTE 2: Additional AWG sizes and conductor counts available.

NOTE 3: See How to Order on the inside of the section tab for further information.

FluoroFlex Wire & Cable

FEP INSULATED, SHIELDED AND SILICONE JACKETED CABLES

FEP/SILICONE

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)	Weight (lbs./M Ft.)
ONE CONDUCTOR							
3006-029-20-1-C-CCC-S	20	105/40	.039	.054	.068	.092	8.6
3006-029-22-1-C-CCC-S	22	65/40	.031	.040	.054	.074	5.6
3006-029-24-1-C-CCC-S	24	41/40	.023	.031	.045	.065	4.2
3006-029-26-1-C-CCC-S	26	66/44	.019	.024	.038	.058	3.1
3006-029-28-1-C-CCC-S	28	41/44	.015	.020	.034	.054	2.4
3006-029-29-1-C-CCC-S	29	51/46	.014	.019	.033	.053	2.3
3006-029-30-1-C-CCC-S	30	41/46	.012	.017	.031	.051	2.1
TWO CONDUCTOR							
3006-029-20-2-C-CCC-S	20	105/40	.039	.054	.116	.146	16.8
3006-029-22-2-C-CCC-S	22	65/40	.031	.040	.090	.120	11.2
3006-029-24-2-C-CCC-S	24	41/40	.023	.031	.073	.103	8.0
3006-029-26-2-C-CCC-S	26	66/44	.019	.024	.059	.079	5.2
3006-029-28-2-C-CCC-S	28	41/44	.015	.020	.052	.072	4.1
3006-029-29-2-C-CCC-S	29	51/46	.014	.019	.050	.070	3.7
3006-029-30-2-C-CCC-S	30	41/46	.012	.017	.046	.066	3.4
THREE CONDUCTOR							
3006-029-20-3-C-CCC-S	20	105/40	.039	.054	.130	.160	22.5
3006-029-22-3-C-CCC-S	22	65/40	.031	.040	.100	.130	14.6
3006-029-24-3-C-CCC-S	24	41/40	.023	.031	.081	.111	10.3
3006-029-26-3-C-CCC-S	26	66/44	.019	.024	.065	.089	6.9
3006-029-28-3-C-CCC-S	28	41/44	.015	.020	.057	.081	5.3
3006-029-29-3-C-CCC-S	29	51/46	.014	.019	.055	.075	4.6
3006-029-30-3-C-CCC-S	30	41/46	.012	.017	.050	.070	4.0
FOUR CONDUCTOR							
3006-029-20-4-C-CCC-S	20	105/40	.039	.054	.144	.174	28.5
3006-029-22-4-C-CCC-S	22	65/40	.031	.040	.110	.140	18.3
3006-029-24-4-C-CCC-S	24	41/40	.023	.031	.088	.112	12.2
3006-029-26-4-C-CCC-S	26	66/44	.019	.024	.072	.096	8.6
3006-029-28-4-C-CCC-S	28	41/44	.015	.020	.062	.082	6.2
3006-029-29-4-C-CCC-S	29	51/46	.014	.019	.060	.080	5.6
3006-029-30-4-C-CCC-S	30	41/46	.012	.017	.055	.075	4.9
FIVE CONDUCTOR							
3006-029-20-5-C-CCC-S	20	105/40	.039	.054	.159	.189	34.3
3006-029-22-5-C-CCC-S	22	65/40	.031	.040	.122	.152	21.8
3006-029-24-5-C-CCC-S	24	41/40	.023	.031	.097	.127	15.1
3006-029-26-5-C-CCC-S	26	66/44	.019	.024	.078	.102	10.0
3006-029-28-5-C-CCC-S	28	41/44	.015	.020	.068	.088	7.3
3006-029-29-5-C-CCC-S	29	51/46	.014	.019	.065	.085	6.4
3006-029-30-5-C-CCC-S	30	41/46	.012	.017	.060	.080	5.6
SIX CONDUCTOR							
3006-029-20-6-C-CCC-S	20	105/40	.039	.054	.176	.206	40.2
3006-029-22-6-C-CCC-S	22	65/40	.031	.040	.134	.164	25.4
3006-029-24-6-C-CCC-S	24	41/40	.023	.031	.107	.137	17.5
3006-029-26-6-C-CCC-S	26	66/44	.019	.024	.086	.110	11.6
3006-029-28-6-C-CCC-S	28	41/44	.015	.020	.074	.098	8.6
3006-029-29-6-C-CCC-S	29	51/46	.014	.019	.071	.091	7.3
3006-029-30-6-C-CCC-S	30	41/46	.012	.017	.065	.085	6.4

NOTE 1:

Data based on 85% braid shield coverage. Other shield coverages and types are available.

NOTE 2:

Additional AWG sizes and conductor counts available.

NOTE 3:

See How to Order on the inside of the section tab for further information.



FluoroFlex Wire & Cable

FEP/TPE

FEP INSULATED, SHIELDED AND TPE JACKETED 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)	Weight (lbs./M Ft.)
ONE CONDUCTOR							
3006-032-20-1-C-CCC-S	20	105/40	.039	.054	.068	.092	8.5
3006-032-22-1-C-CCC-S	22	65/40	.031	.040	.054	.074	5.5
3006-032-24-1-C-CCC-S	24	41/40	.023	.031	.045	.065	4.1
3006-032-26-1-C-CCC-S	26	66/44	.019	.024	.038	.058	3.0
3006-032-28-1-C-CCC-S	28	41/44	.015	.020	.034	.054	2.4
3006-032-29-1-C-CCC-S	29	51/46	.014	.019	.033	.053	2.2
3006-032-30-1-C-CCC-S	30	41/46	.012	.017	.031	.051	2.1
TWO CONDUCTOR							
3006-032-20-2-C-CCC-S	20	105/40	.039	.054	.116	.146	16.5
3006-032-22-2-C-CCC-S	22	65/40	.031	.040	.090	.120	10.9
3006-032-24-2-C-CCC-S	24	41/40	.023	.031	.073	.103	7.8
3006-032-26-2-C-CCC-S	26	66/44	.019	.024	.059	.079	5.1
3006-032-28-2-C-CCC-S	28	41/44	.015	.020	.052	.072	4.0
3006-032-29-2-C-CCC-S	29	51/46	.014	.019	.050	.070	3.6
3006-032-30-2-C-CCC-S	30	41/46	.012	.017	.046	.066	3.3
THREE CONDUCTOR							
3006-032-20-3-C-CCC-S	20	105/40	.039	.054	.130	.160	22.2
3006-032-22-3-C-CCC-S	22	65/40	.031	.040	.100	.130	14.4
3006-032-24-3-C-CCC-S	24	41/40	.023	.031	.081	.111	10.1
3006-032-26-3-C-CCC-S	26	66/44	.019	.024	.065	.089	6.8
3006-032-28-3-C-CCC-S	28	41/44	.015	.020	.057	.081	5.2
3006-032-29-3-C-CCC-S	29	51/46	.014	.019	.055	.075	4.5
3006-032-30-3-C-CCC-S	30	41/46	.012	.017	.050	.070	3.9
FOUR CONDUCTOR							
3006-032-20-4-C-CCC-S	20	105/40	.039	.054	.144	.174	28.2
3006-032-22-4-C-CCC-S	22	65/40	.031	.040	.110	.140	18.0
3006-032-24-4-C-CCC-S	24	41/40	.023	.031	.088	.112	12.1
3006-032-26-4-C-CCC-S	26	66/44	.019	.024	.072	.096	8.4
3006-032-28-4-C-CCC-S	28	41/44	.015	.020	.062	.082	6.1
3006-032-29-4-C-CCC-S	29	51/46	.014	.019	.060	.080	5.5
3006-032-30-4-C-CCC-S	30	41/46	.012	.017	.055	.075	4.8
FIVE CONDUCTOR							
3006-032-20-5-C-CCC-S	20	105/40	.039	.054	.159	.189	33.9
3006-032-22-5-C-CCC-S	22	65/40	.031	.040	.122	.152	21.5
3006-032-24-5-C-CCC-S	24	41/40	.023	.031	.097	.127	14.8
3006-032-26-5-C-CCC-S	26	66/44	.019	.024	.078	.102	9.9
3006-032-28-5-C-CCC-S	28	41/44	.015	.020	.068	.088	7.2
3006-032-29-5-C-CCC-S	29	51/46	.014	.019	.065	.085	6.3
3006-032-30-5-C-CCC-S	30	41/46	.012	.017	.060	.080	5.5
SIX CONDUCTOR							
3006-032-20-6-C-CCC-S	20	105/40	.039	.054	.176	.206	39.8
3006-032-22-6-C-CCC-S	22	65/40	.031	.040	.134	.164	25.1
3006-032-24-6-C-CCC-S	24	41/40	.023	.031	.107	.137	17.2
3006-032-26-6-C-CCC-S	26	66/44	.019	.024	.086	.110	11.4
3006-032-28-6-C-CCC-S	28	41/44	.015	.020	.074	.098	8.5
3006-032-29-6-C-CCC-S	29	51/46	.014	.019	.071	.091	7.2
3006-032-30-6-C-CCC-S	30	41/46	.012	.017	.065	.085	6.3

NOTE 1: Data based on 85% braid shield coverage. Other shield coverages and types are available.

NOTE 2: Additional AWG sizes and conductor counts available.

NOTE 3: See How to Order on the inside of the section tab for further information.

FluoroFlex Wire & Cable

FEP/PVC

FEP INSULATED, SHIELDED AND PVC JACKETED 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)	Weight (lbs./M Ft.)
ONE CONDUCTOR							
3006-022-20-1-C-CCC-S	20	105/40	.039	.054	.068	.092	9.0
3006-022-22-1-C-CCC-S	22	65/40	.031	.040	.054	.074	5.8
3006-022-24-1-C-CCC-S	24	41/40	.023	.031	.045	.065	4.4
3006-022-26-1-C-CCC-S	26	66/44	.019	.024	.038	.058	3.3
3006-022-28-1-C-CCC-S	28	41/44	.015	.020	.034	.054	2.6
3006-022-29-1-C-CCC-S	29	51/46	.014	.019	.033	.053	2.4
3006-022-30-1-C-CCC-S	30	41/46	.012	.017	.031	.051	2.3
TWO CONDUCTOR							
3006-022-20-2-C-CCC-S	20	105/40	.039	.054	.116	.146	17.5
3006-022-22-2-C-CCC-S	22	65/40	.031	.040	.090	.120	11.7
3006-022-24-2-C-CCC-S	24	41/40	.023	.031	.073	.103	8.5
3006-022-26-2-C-CCC-S	26	66/44	.019	.024	.059	.079	5.5
3006-022-28-2-C-CCC-S	28	41/44	.015	.020	.052	.072	4.3
3006-022-29-2-C-CCC-S	29	51/46	.014	.019	.050	.070	3.9
3006-022-30-2-C-CCC-S	30	41/46	.012	.017	.046	.066	3.6
THREE CONDUCTOR							
3006-022-20-3-C-CCC-S	20	105/40	.039	.054	.130	.160	23.3
3006-022-22-3-C-CCC-S	22	65/40	.031	.040	.100	.130	15.2
3006-022-24-3-C-CCC-S	24	41/40	.023	.031	.081	.111	10.8
3006-022-26-3-C-CCC-S	26	66/44	.019	.024	.065	.089	7.3
3006-022-28-3-C-CCC-S	28	41/44	.015	.020	.057	.081	5.6
3006-022-29-3-C-CCC-S	29	51/46	.014	.019	.055	.075	4.8
3006-022-30-3-C-CCC-S	30	41/46	.012	.017	.050	.070	4.2
FOUR CONDUCTOR							
3006-022-20-4-C-CCC-S	20	105/40	.039	.054	.144	.174	29.4
3006-022-22-4-C-CCC-S	22	65/40	.031	.040	.110	.140	18.9
3006-022-24-4-C-CCC-S	24	41/40	.023	.031	.088	.112	12.7
3006-022-26-4-C-CCC-S	26	66/44	.019	.024	.072	.096	8.9
3006-022-28-4-C-CCC-S	28	41/44	.015	.020	.062	.082	6.5
3006-022-29-4-C-CCC-S	29	51/46	.014	.019	.060	.080	5.8
3006-022-30-4-C-CCC-S	30	41/46	.012	.017	.055	.075	5.1
FIVE CONDUCTOR							
3006-022-20-5-C-CCC-S	20	105/40	.039	.054	.159	.189	35.3
3006-022-22-5-C-CCC-S	22	65/40	.031	.040	.122	.152	22.6
3006-022-24-5-C-CCC-S	24	41/40	.023	.031	.097	.12734	15.7
3006-022-26-5-C-CCC-S	26	66/44	.019	.024	.078	.10244	10.4
3006-022-28-5-C-CCC-S	28	41/44	.015	.020	.068	.08764	7.6
3006-022-29-5-C-CCC-S	29	51/46	.014	.019	.065	.08494	6.7
3006-022-30-5-C-CCC-S	30	41/46	.012	.017	.060	.07954	5.9
SIX CONDUCTOR							
3006-022-20-6-C-CCC-S	20	105/40	.039	.054	.176	.20564	41.2
3006-022-22-6-C-CCC-S	22	65/40	.031	.040	.134	.16364	26.2
3006-022-24-6-C-CCC-S	24	41/40	.023	.031	.107	.13664	18.2
3006-022-26-6-C-CCC-S	26	66/44	.019	.024	.086	.10964	12.0
3006-022-28-6-C-CCC-S	28	41/44	.015	.020	.074	.09764	9.0
3006-022-29-6-C-CCC-S	29	51/46	.014	.019	.071	.09064	7.6
3006-022-30-6-C-CCC-S	30	41/46	.012	.017	.065	.08464	6.7

NOTE 1:

Data based on 85% braid shield coverage. Other shield coverages and types are available.

NOTE 2:

Additional AWG sizes and conductor counts available.

NOTE 3:

See How to Order on the inside of the section tab for further information.



FluoroFlex Wire & Cable

FEP/POLYURETHANE

FEP INSULATED, SHIELDED AND PU JACKETED 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)	Weight (lbs./M Ft.)
ONE CONDUCTOR							
3006-052-20-1-C-CCC-S	20	105/40	.039	.054	.068	.092	8.6
3006-052-22-1-C-CCC-S	22	65/40	.031	.040	.054	.074	5.6
3006-052-24-1-C-CCC-S	24	41/40	.023	.031	.045	.065	4.2
3006-052-26-1-C-CCC-S	26	66/44	.019	.024	.038	.058	3.1
3006-052-28-1-C-CCC-S	28	41/44	.015	.020	.034	.054	2.4
3006-052-29-1-C-CCC-S	29	51/46	.014	.019	.033	.053	2.3
3006-052-30-1-C-CCC-S	30	41/46	.012	.017	.031	.051	2.1
TWO CONDUCTOR							
3006-052-20-2-C-CCC-S	20	105/40	.039	.054	.116	.146	16.8
3006-052-22-2-C-CCC-S	22	65/40	.031	.040	.090	.120	11.2
3006-052-24-2-C-CCC-S	24	41/40	.023	.031	.073	.103	8.0
3006-052-26-2-C-CCC-S	26	66/44	.019	.024	.059	.079	5.2
3006-052-28-2-C-CCC-S	28	41/44	.015	.020	.052	.072	4.1
3006-052-29-2-C-CCC-S	29	51/46	.014	.019	.050	.070	3.7
3006-052-30-2-C-CCC-S	30	41/46	.012	.017	.046	.066	3.4
THREE CONDUCTOR							
3006-052-20-3-C-CCC-S	20	105/40	.039	.054	.130	.160	22.5
3006-052-22-3-C-CCC-S	22	65/40	.031	.040	.100	.130	14.6
3006-052-24-3-C-CCC-S	24	41/40	.023	.031	.081	.111	10.3
3006-052-26-3-C-CCC-S	26	66/44	.019	.024	.065	.089	6.9
3006-052-28-3-C-CCC-S	28	41/44	.015	.020	.057	.081	5.3
3006-052-29-3-C-CCC-S	29	51/46	.014	.019	.055	.075	4.6
3006-052-30-3-C-CCC-S	30	41/46	.012	.017	.050	.070	4.0
FOUR CONDUCTOR							
3006-052-20-4-C-CCC-S	20	105/40	.039	.054	.144	.174	28.5
3006-052-22-4-C-CCC-S	22	65/40	.031	.040	.110	.140	18.3
3006-052-24-4-C-CCC-S	24	41/40	.023	.031	.088	.112	12.2
3006-052-26-4-C-CCC-S	26	66/44	.019	.024	.072	.096	8.6
3006-052-28-4-C-CCC-S	28	41/44	.015	.020	.062	.082	6.2
3006-052-29-4-C-CCC-S	29	51/46	.014	.019	.060	.080	5.6
3006-052-30-4-C-CCC-S	30	41/46	.012	.017	.055	.075	4.9
FIVE CONDUCTOR							
3006-052-20-5-C-CCC-S	20	105/40	.039	.054	.159	.189	34.3
3006-052-22-5-C-CCC-S	22	65/40	.031	.040	.122	.152	21.8
3006-052-24-5-C-CCC-S	24	41/40	.023	.031	.097	.127	15.1
3006-052-26-5-C-CCC-S	26	66/44	.019	.024	.078	.102	10.0
3006-052-28-5-C-CCC-S	28	41/44	.015	.020	.068	.088	7.3
3006-052-29-5-C-CCC-S	29	51/46	.014	.019	.065	.085	6.4
3006-052-30-5-C-CCC-S	30	41/46	.012	.017	.060	.080	5.6
SIX CONDUCTOR							
3006-052-20-6-C-CCC-S	20	105/40	.039	.054	.176	.206	40.2
3006-052-22-6-C-CCC-S	22	65/40	.031	.040	.134	.164	25.4
3006-052-24-6-C-CCC-S	24	41/40	.023	.031	.107	.137	17.5
3006-052-26-6-C-CCC-S	26	66/44	.019	.024	.086	.110	11.6
3006-052-28-6-C-CCC-S	28	41/44	.015	.020	.074	.098	8.6
3006-052-29-6-C-CCC-S	29	51/46	.014	.019	.071	.091	7.3
3006-052-30-6-C-CCC-S	30	41/46	.012	.017	.065	.085	6.4

NOTE 1: Data based on 85% braid shield coverage. Other shield coverages and types are available.

NOTE 2: Additional AWG sizes and conductor counts available.

NOTE 3: See How to Order on the inside of the section tab. For further information.