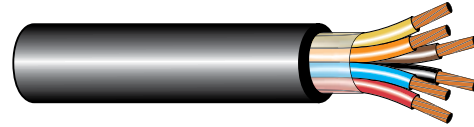


SDN (Small Diameter Neoprene) Flexible Control Cable



SPECIFICATIONS

UL  FT2

APPLICATIONS

- Control & Power
- Lighting
- Telemetry
- Signal & Traffic Control

CONSTRUCTION

Conductor: Soft bare annealed copper

Insulation: High dielectric flame retardant polymer

Outer Jacket: Heavy duty flame and oil resistant arctic grade neoprene jacket, black

Temperature: 90°C dry and 75°C wet, -55°C

Voltage: 600V

Option: Other coloured outer jacket and constructions available upon request

Part Number	Conductor			Approx. Insulation Thickness (in.)	Approx. Jacket Thickness (in.)	Approx. Diameter (in.)	Approx Weight (LB/MFT)	Colour Code Chart ²
	No.	AWG Size	Stranding					
12503-05-010	5	18	16	0.015	0.004	0.335	71	3
12503-06-010*	6	18	16	0.015	0.004	0.365	83	3
12503-08-010	8	18	16	0.015	0.004	0.420	109	3
12503-10-010*	10	18	16	0.015	0.004	0.455	126	3
12503-12-010	12	18	16	0.015	0.004	0.470	142	3
12503-16-010	16	18	16	0.015	0.004	0.515	175	3
12503-19-010	19	18	16	0.015	0.006	0.590	240	3
12503-37-010*	37	18	16	0.015	0.006	0.775	386	3
12504-04-010	4	16	19	0.015	0.004	0.335	77	3
12504-05-010*	5	16	19	0.015	0.004	0.360	92	3
12504-06-010	6	16	19	0.015	0.004	0.390	107	3
12504-07-010	7	16	19	0.015	0.004	0.415	123	3
12504-08-010	8	16	19	0.015	0.004	0.450	137	3
12504-10-010	10	16	19	0.015	0.004	0.490	165	3
12504-12-010	12	16	19	0.015	0.004	0.500	188	3
12504-16-010	16	16	19	0.015	0.006	0.590	258	3
12504-19-010*	19	16	19	0.015	0.006	0.630	296	3
12504-24-010	24	16	19	0.015	0.006	0.715	367	3
12504-30-010*	30	16	19	0.015	0.006	0.750	432	3
12505-04-010	4	14	19	0.015	0.004	0.375	104	3
12505-05-010*	5	14	19	0.015	0.004	0.410	127	3
12505-06-010*	6	14	19	0.015	0.004	0.440	147	3
12505-08-010	8	14	19	0.015	0.004	0.510	200	3
12505-10-010	10	14	19	0.015	0.006	0.590	246	3
12505-12-010	12	14	19	0.015	0.006	0.605	290	3
12505-16-010	16	14	19	0.015	0.006	0.665	354	3
12505-24-010	24	14	19	0.015	0.006	0.820	510	3
12505-37-010	37	14	19	0.015	0.008	0.990	785	3

* Non-stock item. Contact your local sales office to place special order

Note: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without prior notice

². See page 28 for corresponding Colour Code Chart

Colour Code Charts

Chart 1 ^A		Chart 2 ^B			
Conductors	Colour	Conductors	Colour	Conductors	Colour
2	Black, White	1	Black	12	Black/White
3	Black, White, Green	2	White	13	Red/White
4	Black, White, Red, Green	3	Red	14	Green/White
5	Black, White, Red, Orange, Green	4	Green	15	Blue/White
		5	Orange	16	Black/Red
		6	Blue	17	White/Red
		7	White/Black	18	Orange/Red
		8	Red/Black	19	Blue/Red
		9	Green/Black	20	Red/Green
		10	Orange/Black	21	Orange/Green
		11	Blue/Black		

A. Cords SJOOW, SOOW, SJTOW, STOW

B. Cords Multi-Conductor SOOW
Note: Colours repeat after 21 conductors

Chart 3 ^C					
Conductors	Colour	Conductors	Colour	Conductors	Colour
1	Black	13	Blue/Red	25	Yellow/Orange
2	Red	14	Orange/Red	26	Brown/Orange
3	Blue	15	Yellow/Red	27	Black/Yellow
4	Orange	16	Brown/Red	28	Red/Yellow
5	Yellow	17	Black/Blue	29	Blue/Yellow
6	Brown	18	Red/Blue	30	Orange/Yellow
7	Red/Black	19	Orange/Blue	31	Brown/Yellow
8	Blue/Black	20	Yellow/Blue	32	Black/Brown
9	Orange/Black	21	Brown/Blue	33	Red/Brown
10	Yellow/Black	22	Black/Orange	34	Blue/Brown
11	Brown/Black	23	Red/Orange	35	Orange/Brown
12	Black/Red	24	Blue/Orange	36	Yellow/Brown

C. SDN (Small Diameter Flexible Control Cable)
Note: This chart follows the ICEA Method 1 using solid colours with stripes