



Multi-Conductor Unshielded Communication and Control Cable 10-18 AWG

Description

Sycor's Multi-Conductor Unshielded communication and control cable has stranded tinned copper conductors and overall PVC jacket. Sycor's Multi-Conductor Unshielded communication and control cable can be used for a number of different applications and is able to last for very long periods of time. The cable is also flexible making it easy to install in either outdoor or indoor settings.

Construction

Stranded tinned copper conductors,
Color coded Semi-Rigid Polyvinyl Chloride (SR PVC)
insulation.
Overall Polyvinyl Chloride jacket (PVC)

Approvals May Include

CSA AWM CMG FT4
UL AWM CM UL 2464, 2509, 2576
NEC Article SOO Type CM
CSA FT4 Vertical Flame Test
UL 70,000 BTU, UL 1685 Vertical Tray



Application

Sycor's Multi-Conductor Unshielded communication and control cable is generally used for applications involving professional audio, video and intercom systems. Multi-Conductor Unshielded communication and control cable has a vast amount of different applications including security systems, intercom and PA systems, sound and audio systems, power limited controls, paging systems, nurse call station and many more.

Temperature Rating

CSA -20°C to 105°C (CMG -20°C to 60°C)
UL -20°C to 80°C (AWM)
-20°C to 75°C (CM)
-20°C to 60°C (CMG)

Voltage Rating

CSA - 600 Volts
UL - 300 Volts

Color Chart 1		Color Chart #2			
Cond. #	Color	Cond. #	Color	Cond. #	Color
1	Black	1	Black	26	Orange/Black/White
2	White	2	White	27	Blue/Black/White
3	Red	3	Red	28	Black/Red/Green
4	Green	4	Green	29	White/Red/Green
5	Brown	5	Orange	30	Red/Black/Green
6	Blue	6	Blue	31	Green/Black/Orange
7	Orange	7	White/Black	32	Orange/Black Green
8	Yellow	8	Red/Black	33	Blue/White/Orange
9	Purple	9	Green/Black	34	Black/White/Orange
10	Grey	10	Orange/Black	35	White/Red/Orange
11	Pink	11	Blue/Black	36	Orange/White/Blue
12	Tan	12	Black/White	37	White/Red/Blue
		13	Red/White	38	Black/White/Green
		14	Green/White	39	White/Black/green
		15	Blue/White	40	Red/White/Green
		16	Black/Red	41	Green/White/Blue
		17	White/Red	42	Orange/Red/Green
		18	Orange/Red	43	Blue/Red/Green
		19	Blue/Red	44	Black/White/Blue
		20	Red/Green	45	White/Black/Blue
		21	Orange/Green	46	Red/White/Blue
		22	Black/White/Red	47	Green/Orange/Red
		23	White/Black/Red	48	Orange/Red/Blue
		24	Red/Black/White	49	Blue/Red/Orange
		25	Green/Black/White	50	Black/Orange/Red

Sycor Part No	No of Con.	Size AWG	Stranding	Insulation Thick.	Jacket Thickness	N.O.M O.D.	Color Code	Weight #/MFT
SCX100-1802	2	18	16/30	0.012"	0.023"	0.195"	Blk/Red	26
SCX100-1802	2	18	16/30	0.012"	0.023"	0.195"	1	26
SCX100-1803	3	18	16/30	0.012"	0.023"	0.207"	1 or Blk/Red/Grn	34
SCX100-1804	4	18	16/30	0.012"	0.023"	0.226"	1	44
SCX100-1805	5	18	16/30	0.012"	0.023"	0.237"	1	50
SCX100-1806	6	18	16/30	0.012"	0.023"	0.255"	1	58
SCX100-1807	7	18	16/30	0.012"	0.023"	0.271"	1	66
SCX100-1808	8	18	16/30	0.012"	0.023"	0.286"	1	74
SCX100-1809	9	18	16/30	0.012"	0.023"	0.300"	1	82
SCX100-1810	10	18	16/30	0.012"	0.023"	0.330"	1	91
SCX100-1812	12	18	16/30	0.012"	0.030"	0.353"	2	108
SCX100-1815	15	18	16/30	0.012"	0.030"	0.386"	2	132
SCX100-1819	19	18	16/30	0.012"	0.030"	0.429"	2	164
SCX100-1825	25	18	16/30	0.012"	0.030"	0.482"	2	210
SCX100-1830	30	18	16/30	0.012"	0.030"	0.522"	2	248
SCX100-1840	40	18	16/30	0.012"	0.030"	0.633"	2	344
SCX100-1602	2	16	26/30	0.015"	0.030"	0.226"	2	40
SCX100-1603	3	16	26/30	0.015"	0.030"	0.240"	2	52
SCX100-1604	4	16	26/30	0.015"	0.030"	0.263"	2	64
SCX100-1605	5	16	26/30	0.015"	0.030"	0.277"	2	76
SCX100-1607	7	16	26/30	0.015"	0.030"	0.343"	2	102
SCX100-1609	9	16	26/30	0.015"	0.030"	0.380"	2	128
SCX100-1612	12	16	26/30	0.015"	0.030"	0.430"	2	166
SCX100-1615	15	16	26/30	0.015"	0.030"	0.473"	2	202
SCX100-1619	19	16	26/30	0.015"	0.030"	0.524"	2	250
SCX100-1625	25	16	26/30	0.015"	0.030"	0.633"	2	346
SCX100-1402	2	14	41/30	0.030"	0.030"	0.336"	2	64
SCX100-1403	3	14	41/30	0.030"	0.030"	0.357"	2	84
SCX100-1404	4	14	41/30	0.030"	0.030"	0.392"	2	106
SCX100-1405	5	14	41/30	0.030"	0.030"	0.415"	2	132
SCX100-1407	7	14	41/30	0.030"	0.030"	0.478"	2	174
SCX100-1408	8	14	41/30	0.030"	0.030"	0.539"	2	198
SCX100-1409	9	14	41/30	0.030"	0.030"	0.566"	2	218
SCX100-1412	12	14	41/30	0.030"	0.050"	0.637"	2	306
SCX100-1415	15	14	41/30	0.030"	0.050"	0.701"	2	374
SCX100-1202	2	12	65/30	0.030"	0.030"	0.400"	2	94
SCX100-1203	3	12	65/30	0.030"	0.030"	0.428"	2	128
SCX100-1204	4	12	65/30	0.030"	0.030"	0.471"	2	162
SCX100-1205	5	12	65/30	0.030"	0.030"	0.487"	2	194
SCX100-1206	7	12	65/30	0.030"	0.030"	0.602"	2	260
SCX100-1002	2	10	105/30	0.030"	0.030"	0.464"	Blk/Red	132
SCX100-1004	4	10	105/30	0.030"	0.030"	0.521"	2	230

Value Added Services



Cutting



Re-Spooling

Notes/Options

See Cable assembly for information on finished cables.
For AWG sizes 20-24 please see other chart.

Sycor Technology Inc., 1-2220 Argentia Road, Mississauga ON L5N 2K7

www.sycor.com 1-800-268-9444 sales@sycor.com