



Unshielded Plenum Multi-Conductor Cable

Description

Sycor's unshielded plenum multi-conductor cable is a designated fire cable that's typically used because of its approved safety measures. The unshielded plenum multi-conductor also has low-smoke PVC and is used for essential detection or other forms of important monitoring applications.

Construction

Solid, Bare Copper conductor fully annealed
 Red PVDF Fluoropolymer insulation (fire alarm) or
 Grey PVDF Fluoropolymer insulation (General applications)
 Premium Grade, Color-Coded Polyvinylchloride (PVC) jacket

Voltage Rating

300 Volts

Temperature Rating

-20°C to +75°C

Application

Sycor's unshielded plenum multi-conductor cable meets California state requirements for fire prevention, making this specific unshielded plenum multi-conductor cable perfect for applications involving wiring fire alarms, smoke detectors, burglar alarms, fire protective circuits, vocal communication devices, and power limited circuits. Having very reliable safety measures Sycor's unshielded plenum multi-conductor cable is also a perfect solution for audio circuits, notification circuits, signal circuits and initiating circuit applications.

Approvals

UL Type FPLP
 CUL Type CMP/FT6
 NEC Article 760, 725, 800
 Meets California State Fire Marshal requirements
 UL 1424
 Designed to meet NFPA 262 and CSA FT6 Steiner tunnel fire tests.



Sycor Part No	Size AWG	No of Cond. Power	Strand	Insulation Thickness	Jacket Thickness	NOM O.D	Colour Code
SCX106-2202	22	2	7/30	0.008"	0.016"	0.120"	Blk/Red
SCX106-2203	22	3	7/30	0.008"	0.016"	0.127"	Blk/Red/Grn
SCX106-2204	22	4	7/30	0.008"	0.016"	0.138"	1
SCX106-2205	22	5	7/30	0.008"	0.016"	0.145"	1
SCX106-2206	22	6	7/30	0.008"	0.016"	0.156"	1
SCX106-1802	18	2	7/26	0.008"	0.016"	0.160"	Blk/Red
SCX106-1803	18	3	7/26	0.008"	0.016"	0.170"	1
SCX106-1804	18	4	7/26	0.008"	0.016"	0.186"	1
SCX106-1805	18	5	7/26	0.008"	0.016"	0.196"	1
SCX106-1806	18	6	7/26	0.008"	0.016"	0.212"	1
SCX106-1807	18	7	7/26	0.008"	0.016"	0.227"	1
SCX106-1808	18	8	7/26	0.008"	0.016"	0.240"	1
SCX106-1810	18	10	7/26	0.008"	0.016"	0.265"	1
SCX106-1602	16	2	16/19	0.008"	0.016"	0.178"	Blk/Red
SCX106-1603	16	3	16/19	0.008"	0.016"	0.189"	2
SCX106-1604	16	4	16/19	0.008"	0.016"	0.208"	2
SCX106-1402	14	2	19/26	0.008"	0.016"	0.212"	Blk/Red
SCX106-1403	14	3	19/26	0.008"	0.016"	0.232"	2
SCX106-1404	14	4	19/26	0.008"	0.016"	0.251"	2
SCX106-2202S	22	2	Solid	0.010"	0.015"	0.121"	NA
SCX106-2204S	22	4	Solid	0.010"	0.015"	0.137"	NA
SCX106-1802S	18	2	Solid	0.010"	0.015"	0.155"	NA
SCX106-1803S	18	3	Solid	0.010"	0.015"	0.16"	NA
SCX106-1804S	18	4	Solid	0.010"	0.015"	0.175"	NA
SCX106-1806S	18	6	Solid	0.010"	0.015"	0.211"	NA
SCX106-1602S	16	2	Solid	0.010"	0.015"	0.172"	NA
SCX106-1604S	16	4	Solid	0.010"	0.015"	0.202"	NA
SCX106-1402S	14	2	Solid	0.012"	0.015"	0.205"	NA
SCX106-1404S	14	4	Solid	0.012"	0.015"	0.243"	NA
SCX106-1202S	12	2	Solid	0.012"	0.015"	0.244"	NA
SCX106-1204S	12	4	Solid	0.012"	0.015"	0.284"	NA



Colour Codes

*Please see second page

Value Added Services



Cutting



Re-Spooling

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

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Color Chart 1	
Cond. #	Colour
1	Black
2	White
3	Red
4	Green
5	Brown
6	Blue
7	Orange
8	Yellow
9	Purple
10	Grey
11	Pink
12	Tan

Colour Chart #2	
Cond. #	Colour
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue
7	White/Black
8	Red/Black
9	Green/Black
10	Orange/Black

Solid Colour Code Chart	
NO of Cond.	Colour
1	Black
2	Red
3	Brown
4	Blue
5	Orange
6	Yellow