



Plenum Foil Shielded Multi-Conductor Cable

Description

Sycor's shielded plenum multi-conductor cable is a designated fire alarm cable with additional shielding that is typically used because of its approved safety measures across North America. The shielded plenum fire alarm cable also has low-smoke PVC and with additional shielding, the cable becomes much more reliable for difficult applications.

Construction

Solid/Stranded soft drawn bare copper conductors
Red PVDF Fluoropolymer insulation (fire alarm) or
Grey PVDF Fluoropolymer insulation (general applications)
Premium Grade, Color-Coded Polyvinylchloride (PVC) jacket
Polyester Supported Aluminum Foil

Voltage Rating

300 Volts

Temperature Rating

-20°C to 75°C

Application

Sycor's shielded plenum multi-conductor cable meets California requirements for fire prevention, making this specific shielded 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 shielded multi-conductor cable is also a strong solution for audio circuits, notification circuits, signal circuits and initiating circuits.

Approvals

UL Type FPLP
NEC Article 760, 725, 800
UL 1424
Meets California State Fire Marshal requirements
NFPA 262 and CSA FT6 Tunnel Fire Tests



Sycor Part No	Size AWG	No of Cond.	Strand	Insulation Thickness	Jacket Thickness	NOM O.D	Colour Code
SCX157-2202	22	2	7/30	0.008"	0.016"	0.122"	1
SCX157-2203	22	3	7/30	0.008"	0.016"	0.129"	1
SCX157-2204	22	4	7/30	0.008"	0.016"	0.140"	1
SCX157-2205	22	5	7/30	0.008"	0.016"	0.147"	1
SCX157-2206	22	6	7/30	0.008"	0.016"	0.155"	1
SCX157-2207	22	7	7/30	0.008"	0.016"	0.168"	1
SCX157-2208	22	8	7/30	0.008"	0.016"	0.173"	1
SCX157-2209	22	9	7/30	0.008"	0.016"	0.178"	1
SCX157-2210	22	10	7/30	0.008"	0.016"	0.186"	1
SCX157-2002	20	2	7/28	0.008"	0.016"	0.137"	1
SCX157-1802	18	2	7/26	0.008"	0.016"	0.162"	1
SCX157-1803	18	3	7/26	0.008"	0.016"	0.172"	1
SCX157-1804	18	4	7/26	0.008"	0.016"	0.188"	1
SCX157-1805	18	5	7/26	0.008"	0.016"	0.198"	2
SCX157-1806	18	6	7/26	0.008"	0.016"	0.210"	2
SCX157-1807	18	7	7/26	0.008"	0.016"	0.229"	2
SCX157-1809	18	9	7/26	0.008"	0.016"	0.255"	2
SCX157-1810	18	10	7/26	0.008"	0.016"	0.291"	2
SCX157-1602	16	2	16/19	0.008"	0.016"	0.180"	1
SCX157-1603	16	3	16/19	0.008"	0.016"	0.204"	1
SCX157-2202S	22	2	Solid	0.010"	0.015"	0.126"	-
SCX157-1802S	18	2	Solid	0.010"	0.015"	0.158"	-
SCX157-1803S	18	3	Solid	0.010"	0.015"	0.165"	-
SCX157-1804S	18	4	Solid	0.010"	0.015"	0.183"	-
SCX157-1806S	18	6	Solid	0.010"	0.015"	0.216"	-
SCX157-1602S	16	2	Solid	0.010"	0.015"	0.180"	-
SCX157-1604S	16	4	Solid	0.010"	0.015"	0.210"	-
SCX157-1402S	14	2	Solid	0.012"	0.015"	0.210"	-
SCX157-1404S	14	4	Solid	0.012"	0.015"	0.248"	-
SCX157-1202S	12	2	Solid	0.012"	0.015"	0.252"	-
SCX157-1204S	12	4	Solid	0.012"	0.015"	0.300"	-



Value Added Services



Cutting



Re-Spooling

Colour Codes

*Please see second page

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