



Application

Security, Intercom, Broadcast, Sound, Audio Systems

Fire Rating

PVC IEC 60332-1, NEC A T SPLR, CMR
LSZH IEC 61034, IEC 60754-1 & 2, IEC 60332-1

Security & Comms Cable, SACS Series

Shielded, PVC CMR, PE, LSZH

Construction

Conductor	Grade A Bare Copper, Stranded
Operating Voltage	300V
Insulation	PVC
Insulation colour	1 - Black, 2 - Red, 3 - White, 4 - Green
1st Screen	100% Overall Aluminum Foil Screen
Sheath	PVC-CMR, PE or LSZH with Ripcord
Sheath colour	PVC-CMR Grey or LSZH Grey; PE Black
Rated temperature	Up to 75°C

Cable Dimension

Conductor Size	Conductor Diameter (mm)	No. of Pairs	Insulation Diameter (MM)	OD (mm)
12 AWG	19*0.47	1 Pair	0.3	7.15
		2 Pairs		7.80
14 AWG	19*0.37	1 Pair	0.3	6.19
		2 Pairs		7.56
16 AWG	19*0.29	1 Pair	0.25	4.92
		2 Pairs		5.73
18 AWG	7*0.39	1 Pair	0.25	4.33
		2 Pairs		5.02
20 AWG	7*0.31	1 Pair	0.20	3.72
		2 Pairs		4.31
22 AWG	7*0.25	1 Pair	0.20	3.34
		2 Pairs		3.90

Ordering Information

SACS 12-22 AWG part numbers are made up using the table below.

The part number starts with SACS to denote that it is a SACS cable. The following number shows the number of pairing and the last 2 numbers signifies the AWG. Any letter behind would describe the sheath type.

Example of a SACS part number -

SACS1P22L

The above example describes an SACS cable with 1 pairing, 22 AWG. Sheath type LSZH.

