

SACS Series SECURITY ALARM (COMMS) Cable Shielded PVC/CMR/PE/LSZH

General Specifications



Photo for illustration only

Inner Conductor	: Grade A Bare Copper, Stranded
Dielectric	: PVC
Shielding	: 100% Overall Aluminum Foil Screen
Jacket	: PVC-CMR, PE or LSZH with Ripcord
Voltage Rating	: 300V
Temp Rating	: Up to 75°C
Core Color Code	: 1 - Black, 2 - Red, 3 - White, 4 - Green
Packing	: 500m/reel standard, 1km/drum optional
	: NEC Article Type FPLR, CL3R, CMR, comply to IEC 60332-1
Standards	: LSZH - IEC 61034, IEC 60754-1 & 2, comply to IEC 60332-1

Applications

Security, Intercom, Broadcast, Sound, Audio Systems

Construction Table

P/N	Pairs	AWG	Cond. Type	Cond. mm	Nom. Insulation mm	Nom. Jacket mm	Jacket Type	Nom. Cable OD mm	Electrical Resistance (Ω/KM)
SACS1P12C RD-3H	1	12	Stranded BC	19*0.47	0.30	0.70	PVC-CMR	7.60	5.41
SACS2P12C RD-3H	2	12	Stranded BC	19*0.47	0.30	0.70	PVC-CMR	11.30	5.41
SACS1P12E RD-3H	1	12	Stranded BC	19*0.47	0.30	0.70	PE	7.60	5.41
SACS2P12E RD-3H	2	12	Stranded BC	19*0.47	0.30	0.70	PE	11.30	5.41
SACS1P12LR D-3H	1	12	Stranded BC	19*0.47	0.30	0.70	LSZH	7.60	5.41
SACS2P12LR D-3H	2	12	Stranded BC	19*0.47	0.30	0.70	LSZH	11.30	5.41

P/N	Pairs	AWG	Cond. Type	Cond. mm	Nom. Insulation mm	Nom. Jacket mm	Jacket Type	Nom. Cable OD mm	Electrical Resistance (Ω/KM)
SACS1P14C RD-3H	1	14	Stranded BC	19*0.37	0.30	0.70	PVC-CMR	6.60	8.6
SACS2P14C RD-3H	2	14	Stranded BC	19*0.37	0.30	0.70	PVC-CMR	9.70	8.6
SACS1P14E RD-3H	1	14	Stranded BC	19*0.37	0.30	0.70	PE	6.60	8.6
SACS2P14E RD-3H	2	14	Stranded BC	19*0.37	0.30	0.70	PE	9.70	8.6
SACS1P14LR D-3H	1	14	Stranded BC	19*0.37	0.30	0.70	LSZH	6.60	8.6
SACS2P14LR D-3H	2	14	Stranded BC	19*0.37	0.30	0.70	LSZH	9.70	8.6

P/N	Pairs	AWG	Cond. Type	Cond. mm	Nom. Insulation mm	Nom. Jacket mm	Jacket Type	Nom. Cable OD mm	Electrical Resistance (Ω/KM)
SACS1P16C RD-3H	1	16	Stranded BC	19*0.29	0.25	0.50	PVC-CMR	5.20	13.7
SACS2P16C RD-3H	2	16	Stranded BC	19*0.29	0.25	0.50	PVC-CMR	7.60	13.7
SACS1P16E RD-3H	1	16	Stranded BC	19*0.29	0.25	0.50	PE	5.20	13.7
SACS2P16E RD-3H	2	16	Stranded BC	19*0.29	0.25	0.50	PE	7.60	13.7
SACS1P16L RD-3H	1	16	Stranded BC	19*0.29	0.25	0.50	LSZH	5.20	13.7
SACS2P16L RD-3H	2	16	Stranded BC	19*0.29	0.25	0.50	LSZH	7.60	13.7

P/N	Pairs	AWG	Cond. Type	Cond. mm	Nom. Insulation mm	Nom. Jacket mm	Jacket Type	Nom. Cable OD mm	Electrical Resistance (Ω/KM)
SACS1P18C RD-3H	1	18	Stranded BC	7*0.39	0.25	0.50	PVC-CMR	4.60	21.9
SACS2P18C RD-3H	2	18	Stranded BC	7*0.39	0.25	0.50	PVC-CMR	6.60	21.9
SACS1P18E RD-3H	1	18	Stranded BC	7*0.39	0.25	0.50	PE	4.60	21.9
SACS2P18E RD-3H	2	18	Stranded BC	7*0.39	0.25	0.50	PE	6.60	21.9
SACS1P18L RD-3H	1	18	Stranded BC	7*0.39	0.25	0.50	LSZH	4.60	21.9
SACS2P18L RD-3H	2	18	Stranded BC	7*0.39	0.25	0.50	LSZH	6.60	21.9

P/N	Pairs	AWG	Cond. Type	Cond. mm	Nom. Insulation mm	Nom. Jacket mm	Jacket Type	Nom. Cable OD mm	Electrical Resistance (Ω/KM)
SACS1P20CRD-3H	1	20	Stranded BC	7*0.31	0.25	0.50	PVC-CMR	4.20	34.4
SACS2P20CRD-3H	2	20	Stranded BC	7*0.31	0.25	0.50	PVC-CMR	6.10	34.4
SACS1P20ERD-3H	1	20	Stranded BC	7*0.31	0.25	0.50	PE	4.20	34.4
SACS2P20ERD-3H	2	20	Stranded BC	7*0.31	0.25	0.50	PE	6.10	34.4
SACS1P20LRD-3H	1	20	Stranded BC	7*0.31	0.25	0.50	LSZH	4.20	34.4
SACS2P20LRD-3H	2	20	Stranded BC	7*0.31	0.25	0.50	LSZH	6.10	34.4

P/N	Pairs	AWG	Cond. Type	Cond. mm	Nom. Insulation mm	Nom. Jacket mm	Jacket Type	Nom. Cable OD mm	Electrical Resistance (Ω/KM)
SACS1P22CRD-3H	1	22	Stranded BC	7*0.25	0.25	0.50	PVC-CMR	3.80	55.4
SACS2P22CRD-3H	2	22	Stranded BC	7*0.25	0.25	0.50	PVC-CMR	5.30	55.4
SACS1P22ERD-3H	1	22	Stranded BC	7*0.25	0.25	0.50	PE	3.80	55.4
SACS2P22ERD-3H	2	22	Stranded BC	7*0.25	0.25	0.50	PE	5.30	55.4
SACS1P22LRD-3H	1	22	Stranded BC	7*0.25	0.25	0.50	LSZH	3.80	55.4
SACS2P22LRD-3H	2	22	Stranded BC	7*0.25	0.25	0.50	LSZH	5.30	55.4

P/N	Pairs	AWG	Cond. Type	Cond. mm	Nom. Insulation mm	Nom. Jacket mm	Jacket Type	Nom. Cable OD mm	Electrical Resistance (Ω/KM)
SACS1P24CRD-3H	1	24	Stranded BC	7*0.20	0.25	0.50	PVC-CMR	3.30	87.6
SACS2P24CRD-3H	2	24	Stranded BC	7*0.20	0.25	0.50	PVC-CMR	5.00	87.6
SACS1P24ERD-3H	1	24	Stranded BC	7*0.20	0.25	0.50	PE	3.30	87.6
SACS2P24ERD-3H	2	24	Stranded BC	7*0.20	0.25	0.50	PE	5.00	87.6
SACS1P24LRD-3H	1	24	Stranded BC	7*0.20	0.25	0.50	LSZH	3.30	87.6
SACS2P24LRD-3H	2	24	Stranded BC	7*0.20	0.25	0.50	LSZH	5.00	87.6

*Non standard products typically higher MOQ and longer lead-time

Ordering Information

- SACS denotes "Security Alarm Cable Shielded"
- "y_" denotes twisted pair count : 1 or 2
- P denotes Pair
- "zz" denotes conductor size in AWG : 12 or 14 or 16 or 18 or 20 or 22 or 24
- C denotes PVC-CMR outersheath
- E denotes PE outersheath
- L denotes low smoke zero halogen outersheath
- "RD" denotes outer sheath colour code RED (as per defacto)
- 3H denotes 305m cable length per drum (as per defacto)
- 5H denotes 500m cable length per drum

UC Part Number	SAP1C	Description	Length (m) / Drum
SACS _y P _{zz} CRD-3H	NA	DRAKA MMS SPECIAL _y Pr x _{zz} AWG Security Alarm Cable Solid BC Shielded PVC CMR RED 305M/DRUM	305

Sheath colour and marking :

Grey, the outer sheath is marked in 1 meter intervals as follows:

DRAKA MMS SHIELDED SECURITY COMMS CABLE <P/N> <Jacket Type> <FC> <BATCHCODE> <xxx>M

< FC >	Draka defined factory Code
< BATCHCODE >	Factory defined tracking code MM/YYYY or WW/YYYY
< xxx >	Denotes length in metre

Logistic

Packing:

Wooden drums.

Delivery Lengths:

Standard delivery length is 500m per drum $\pm$ 5%.

Enquiries

Please contact our local sales office or email to: mms.asia@prysmiangroup.com

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