

SXACS Series SECURITY ALARM (COMMS) Cable Shielded PVC/LSZH

General Specifications



Photo for illustration only

Inner Conductor	: Grade A Bare Copper, Stranded
Dielectric	: XLPE
Shielding	: 100% Overall Aluminum Foil Screen
Jacket	: PVC, 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
	: PVC - comply to IEC 60332-1
Standards	: LSZH - IEC 61034, IEC 60754-1 & 2, comply to IEC 60332-1
Bend radius	15xOD (With installation) 12xOD (Without installation)

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)
SXACS1P12 CRD-3H	1	12	Stranded BC	19*0.47	0.30	0.70	PVC	7.60	5.41
SXACS2P12 CRD-3H	2	12	Stranded BC	19*0.47	0.30	0.70	PVC	11.30	5.41
SXACS1P12L RD-3H	1	12	Stranded BC	19*0.47	0.30	0.70	LSZH	7.60	5.41
SXACS2P12L RD-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)
SXACS1P14 CRD-3H	1	14	Stranded BC	19*0.37	0.30	0.70	PVC	6.60	8.6
SXACS2P14 CRD-3H	2	14	Stranded BC	19*0.37	0.30	0.70	PVC	9.70	8.6
SXACS1P14L RD-3H	1	14	Stranded BC	19*0.37	0.30	0.70	LSZH	6.60	8.6
SXACS2P14L RD-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)
SXACS2P16 CRD-3H	1	16	Stranded BC	19*0.29	0.25	0.50	PVC	5.20	13.7
SXACS2P16 CRD-3H	2	16	Stranded BC	19*0.29	0.25	0.50	PVC	7.60	13.7
SXACS1P16 LRD-3H	1	16	Stranded BC	19*0.29	0.25	0.50	LSZH	5.20	13.7
SXACS2P16 LRD-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)
SXACS1P18 CRD-3H	1	18	Stranded BC	7*0.39	0.25	0.50	PVC	4.60	21.9
SXACS2P18 CRD-3H	2	18	Stranded BC	7*0.39	0.25	0.50	PVC	6.60	21.9
SXACS1P18 LRD-3H	1	18	Stranded BC	7*0.39	0.25	0.50	LSZH	4.60	21.9
SXACS2P18 LRD-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)
SXACS1P20CR D-3H	1	20	Stranded BC	7*0.31	0.25	0.50	PVC	4.20	34.4
SXACS2P20CR D-3H	2	20	Stranded BC	7*0.31	0.25	0.50	PVC	6.10	34.4
SXACS1P20LR D-3H	1	20	Stranded BC	7*0.31	0.25	0.50	LSZH	4.20	34.4
SXACS2P20LR D-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)
SXACS1P22CR D-3H	1	22	Stranded BC	7*0.25	0.25	0.50	PVC	3.80	55.4
SXACS2P22CR D-3H	2	22	Stranded BC	7*0.25	0.25	0.50	PVC	5.30	55.4
SXACS1P22LR D-3H	1	22	Stranded BC	7*0.25	0.25	0.50	LSZH	3.80	55.4
SXACS2P22LR D-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)
SXACS1P24CR D-3H	1	24	Stranded BC	7*0.20	0.25	0.50	PVC	3.30	87.6
SXACS2P24CR D-3H	2	24	Stranded BC	7*0.20	0.25	0.50	PVC	5.00	87.6
SXACS1P24LR D-3H	1	24	Stranded BC	7*0.20	0.25	0.50	LSZH	3.30	87.6
SXACS2P24LR D-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

- SXACS denotes "Security XLPE 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 outer sheath
- L denotes low smoke zero halogen outer sheath
- "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
SXACS _y P _{zz} CRD-3H	NA	DRAKA MMS SPECIAL _y Pr x _{zz} AWG Security Alarm Cable Stranded BC Shielded PVC 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

Multimedia Solutions is the data communication portfolio of Prysmian Group and comprises all the necessary portfolio of cable solutions for data communication.

Ask about UC CONNECT for a complete Structure Cabling Solutions with 25 Years System Warranty.

Visit www.drakauc.com for more information.

© PRYSMIAN GROUP 2022, All Rights Reserved

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian Group: any modification or alteration afterwards of product may give different result. The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed to be correct at the time of issue. Prysmian Group reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.