

SACU Series SECURITY ALARM (COMMS) Cable Unshielded PVC/CMR/PE/LSZH

General Specifications



Photo for illustration only

Inner Conductor	:	Grade A Bare Copper, Stranded
Dielectric	:	PVC
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
Standards	:	NEC Article Type FPLR, CL3R, CMR, comply to IEC 60332-1
	:	LSZH - IEC 61034, IEC 60754-1 & 2, comply to IEC 60332-1

Applications

Security, Intercom, Broadcast, Sound, Audio Systems

Construction Table

	Pairs	AWG	Cond. Type	Cond. mm	Nom. Insulation mm	Nom. Jacket mm	Jacket Type	Nom. Cable OD mm	Electrical Resistance (Ω/KM)
SACU1P12C RD-3H	1	12	Stranded BC	19*0.47	0.30	0.70	PVC-CMR	7.50	5.41
SACU2P12C RD-3H	2	12	Stranded BC	19*0.47	0.30	0.70	PVC-CMR	11.20	5.41
SACU1P12E RD-3H	1	12	Stranded BC	19*0.47	0.30	0.70	PE	7.50	5.41
SACU2P12E RD-3H	2	12	Stranded BC	19*0.47	0.30	0.70	PE	11.20	5.41
SACU1P12L RD-3H	1	12	Stranded BC	19*0.47	0.30	0.70	LSZH	7.50	5.41
SACU2P12L RD-3H	2	12	Stranded BC	19*0.47	0.30	0.70	LSZH	11.20	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)
SACU1P14C RD-3H	1	14	Stranded BC	19*0.37	0.30	0.70	PVC-CMR	6.50	8.6
SACU2P14C RD-3H	2	14	Stranded BC	19*0.37	0.30	0.70	PVC-CMR	9.60	8.6
SACU1P14E RD-3H	1	14	Stranded BC	19*0.37	0.30	0.70	PE	6.50	8.6
SACU2P14E RD-3H	2	14	Stranded BC	19*0.37	0.30	0.70	PE	9.60	8.6
SACU1P14L RD-3H	1	14	Stranded BC	19*0.37	0.30	0.70	LSZH	6.50	8.6
SACU2P14L RD-3H	2	14	Stranded BC	19*0.37	0.30	0.70	LSZH	9.60	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)
SACU2P16 CRD-3H	1	16	Stranded BC	19*0.29	0.25	0.50	PVC-CMR	5.10	13.7
SACU2P16 CRD-3H	2	16	Stranded BC	19*0.29	0.25	0.50	PVC-CMR	7.50	13.7
SACU1P16 ERD-3H	1	16	Stranded BC	19*0.29	0.25	0.50	PE	5.10	13.7
SACU2P16 ERD-3H	2	16	Stranded BC	19*0.29	0.25	0.50	PE	7.50	13.7
SACU1P16L RD-3H	1	16	Stranded BC	19*0.29	0.25	0.50	LSZH	5.10	13.7
SACU2P16L RD-3H	2	16	Stranded BC	19*0.29	0.25	0.50	LSZH	7.50	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)
SACU1P18 CRD-3H	1	18	Stranded BC	7*0.39	0.25	0.50	PVC-CMR	4.50	21.9
SACU2P18 CRD-3H	2	18	Stranded BC	7*0.39	0.25	0.50	PVC-CMR	6.50	21.9
SACU1P18 ERD-3H	1	18	Stranded BC	7*0.39	0.25	0.50	PE	4.50	21.9
SACU2P18 ERD-3H	2	18	Stranded BC	7*0.39	0.25	0.50	PE	6.50	21.9
SACU1P18L RD-3H	1	18	Stranded BC	7*0.39	0.25	0.50	LSZH	4.50	21.9
SACU2P18L RD-3H	2	18	Stranded BC	7*0.39	0.25	0.50	LSZH	6.50	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)
SACU1P20 CRD-3H	1	20	Stranded BC	7*0.31	0.25	0.50	PVC-CMR	4.10	34.4
SACU2P20 CRD-3H	2	20	Stranded BC	7*0.31	0.25	0.50	PVC-CMR	6.00	34.4
SACU1P20 ERD-3H	1	20	Stranded BC	7*0.31	0.25	0.50	PE	4.10	34.4
SACU2P20 ERD-3H	2	20	Stranded BC	7*0.31	0.25	0.50	PE	6.00	34.4
SACU1P20L RD-3H	1	20	Stranded BC	7*0.31	0.25	0.50	LSZH	4.10	34.4
SACU2P20L RD-3H	2	20	Stranded BC	7*0.31	0.25	0.50	LSZH	6.00	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)
SACU1P22 CRD-3H	1	22	Stranded BC	7*0.25	0.25	0.50	PVC-CMR	3.70	55.4
SACU2P22 CRD-3H	2	22	Stranded BC	7*0.25	0.25	0.50	PVC-CMR	5.20	55.4
SACU1P22 ERD-3H	1	22	Stranded BC	7*0.25	0.25	0.50	PE	3.70	55.4
SACU2P22 ERD-3H	2	22	Stranded BC	7*0.25	0.25	0.50	PE	5.20	55.4
SACU1P22L RD-3H	1	22	Stranded BC	7*0.25	0.25	0.50	LSZH	3.70	55.4
SACU2P22L RD-3H	2	22	Stranded BC	7*0.25	0.25	0.50	LSZH	5.20	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)
SACU1P24CRD-3H	1	24	Stranded BC	7*0.20	0.25	0.50	PVC-CMR	3.20	87.6
SACU2P24CRD-3H	2	24	Stranded BC	7*0.20	0.25	0.50	PVC-CMR	4.90	87.6
SACU1P24ERD-3H	1	24	Stranded BC	7*0.20	0.25	0.50	PE	3.20	87.6
SACU2P24ERD-3H	2	24	Stranded BC	7*0.20	0.25	0.50	PE	4.90	87.6
SACU1P24LRD-3H	1	24	Stranded BC	7*0.20	0.25	0.50	LSZH	3.20	87.6
SACU2P24LRD-3H	2	24	Stranded BC	7*0.20	0.25	0.50	LSZH	4.90	87.6

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

Ordering Information

- SACU denotes "Fire Alarm Cable Unshielded"
- "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 outdoorsheath
- E denotes PE outdoorsheath
- L denotes low smoke zero halogen outdoorsheath
- "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
SACUyPzzCRD-3H	NA	DRAKA MMS SPECIAL yPr x zzAWG Security Alarm Cable Solid BC Unshielded PVC CMR RED 305M/DRUM	305

Sheath colour and marking :

PVC-CMR is Grey, PE or LSZH is Black; the outer sheath is marked in 1 meter intervals as follows:

DRAKA MMS UNSHIELDED SECURITY COMMS CABLE <P/N> <Jacket Type> <FC> <YR-YYYY> <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 ± 5%.

Enquiries

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

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