Draka FACS Series FIRE ALARM Cable Shielded PVC-CMR/PE/LSZH

General Specifications

Photo for illustration only

Inner Conductor	:	Grade A Bare Copper, Solid
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
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

Fire Alarm, Security Alarm, Intercom , Access Control.

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)
FACS1P12C RD-3H	1	12	Solid BC	2.05	0.30	0.45	PVC-CMR	6.50	5.31
FACS2P12C RD-3H	2	12	Solid BC	2.05	0.30	0.60	PVC-CMR	10.30	5.31
FACS1P12E RD-3H	1	12	Solid BC	2.05	0.30	0.60	PE	6.70	5.31
FACS2P12E RD-3H	2	12	Solid BC	2.05	0.30	0.60	PE	10.30	5.31
FACS1P12L RD-3H	1	12	Solid BC	2.05	0.30	0.60	LSZH	6.70	5.31
FACS2P12L RD-3H	2	12	Solid BC	2.05	0.30	0.60	LSZH	10.30	5.31

P/N	Pairs	AWG	Cond. Type	Cond. mm	Nom. Insulation mm	Nom. Jacket mm	Jacket Type	Nom. Cable OD mm	Electrical Resistance (Ω/KM)
FACS1P14C RD-3H	1	14	Solid BC	1.63	0.30	0.45	PVC-CMR	5.60	8.45
FACS2P14C RD-3H	2	14	Solid BC	1.63	0.30	0.60	PVC-CMR	8.90	8.45
FACS1P14E RD-3H	1	14	Solid BC	1.63	0.30	0.60	PE	5.90	8.45
FACS2P14E RD-3H	2	14	Solid BC	1.63	0.30	0.60	PE	8.90	8.45
FACS1P14L RD-3H	1	14	Solid BC	1.63	0.30	0.60	LSZH	5.90	8.45
FACS2P14L RD-3H	2	14	Solid BC	1.63	0.30	0.60	LSZH	8.90	8.45

P/N	Pairs	AWG	Cond. Type	Cond . mm	Nom. Insulation mm	Nom. Jacket mm	Jacket Type	Nom. Cable OD mm	Electrical Resistance (Ω/KM)
FACS2P16C RD-3H	1	16	Solid BC	1.29	0.25	0.45	PVC-CMR	4.80	13.5
FACS2P16C RD-3H	2	16	Solid BC	1.29	0.25	0.60	PVC-CMR	7.50	13.5
FACS1P16E RD-3H	1	16	Solid BC	1.29	0.25	0.60	PE	5.10	13.5
FACS2P16E RD-3H	2	16	Solid BC	1.29	0.25	0.60	PE	7.50	13.5
FACS1P16L RD-3H	1	16	Solid BC	1.29	0.25	0.60	LSZH	5.10	13.5
FACS2P16L RD-3H	2	16	Solid BC	1.29	0.25	0.60	LSZH	7.50	13.5

P/N	Pairs	AWG	Cond. Type	Cond. mm	Nom. Insulation mm	Nom. Jacket mm	Jacket Type	Nom. Cable OD mm	Electrical Resistance (Ω/KM)
FACS1P18C RD-3H	1	18	Solid BC	1.02	0.25	0.45	PVC-CMR	4.30	21.4
FACS2P18C RD-3H	2	18	Solid BC	1.02	0.25	0.60	PVC-CMR	6.70	21.4
FACS1P18E RD-3H	1	18	Solid BC	1.02	0.25	0.60	PE	4.60	21.4
FACS2P18E RD-3H	2	18	Solid BC	1.02	0.25	0.60	PE	6.70	21.4
FACS1P18L RD-3H	1	18	Solid BC	1.02	0.25	0.60	LSZH	4.60	21.4
FACS2P18L RD-3H	2	18	Solid BC	1.02	0.25	0.60	LSZH	6.70	21.4

P/N	Pairs	AWG	Cond. Type	Cond. mm	Nom. Insulation mm	Nom. Jacket mm	Jacket Type	Nom. Cable OD mm	Electrical Resistance (Ω/KM)
FACS1P20C RD-3H	1	20	Solid BC	0.81	0.20	0.45	PVC-CMR	3.70	36.4
FACS2P20C RD-3H	2	20	Solid BC	0.81	0.20	0.60	PVC-CMR	5.70	36.4
FACS1P20E RD-3H	1	20	Solid BC	0.81	0.20	0.60	PE	4.00	36.4
FACS2P20E RD-3H	2	20	Solid BC	0.81	0.20	0.60	PE	5.70	36.4
FACS1P20L RD-3H	1	20	Solid BC	0.81	0.20	0.60	LSZH	4.00	36.4
FACS2P20L RD-3H	2	20	Solid BC	0.81	0.20	0.60	LSZH	5.70	36.4

P/N	Pairs	AWG	Cond. Type	Cond. mm	Nom. Insulation mm	Nom. Jacket mm	Jacket Type	Nom. Cable OD mm	Electrical Resistance (Ω/KM)
FACS1P22C RD-3H	1	22	Solid BC	0.64	0.20	0.45	PVC-CMR	3.30	59.1
FACS2P22C RD-3H	2	22	Solid BC	0.64	0.20	0.60	PVC-CMR	5.00	59.1
FACS1P22E RD-3H	1	22	Solid BC	0.64	0.20	0.60	PE	3.60	59.1
FACS2P22E RD-3H	2	22	Solid BC	0.64	0.20	0.60	PE	5.00	59.1
FACS1P22L RD-3H	1	22	Solid BC	0.64	0.20	0.60	LSZH	3.60	59.1
FACS2P22L RD-3H	2	22	Solid BC	0.64	0.20	0.60	LSZH	5.00	59.1

P/N	Pairs	AWG	Cond. Type	Cond. mm	Nom. Insulation mm	Nom. Jacket mm	Jacket Type	Nom. Cable OD mm	Electrical Resistance (Ω/KM)
FACS1P24C RD-3H	1	24	Solid BC	0.51	0.20	0.45	PVC-CMR	3.10	93.8
FACS2P24C RD-3H	2	24	Solid BC	0.51	0.20	0.60	PVC-CMR	4.70	93.8
FACS1P24E RD-3H	1	24	Solid BC	0.51	0.20	0.60	PE	3.40	93.8
FACS2P24E RD-3H	2	24	Solid BC	0.51	0.20	0.60	PE	4.70	93.8
FACS1P24L RD-3H	1	24	Solid BC	0.51	0.20	0.60	LSZH	3.40	93.8
FACS2P24L RD-3H	2	24	Solid BC	0.51	0.20	0.60	LSZH	4.70	93.8

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

Ordering Information

- FACS denotes "Fire Alarm Cable Shielded"
- "y" denotes twisted pair count : 1 or 2
- P denotes Pair
- "zz" denotes conductor size in AWG : 12 or 14 or16 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
FACS**y**P**zz**CRD-3H	NA	DRAKA MMS SPECIAL **y**Pr x **zz**AWG Fire Alarm Cable Solid BC Shielded PVC CMR RED 305M/DRUM	305

Sheath colour and marking :

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

DRAKA MMS SHIELDED FIRE ALARM CABLE <P/N> <Outersheath 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 ± 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.

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