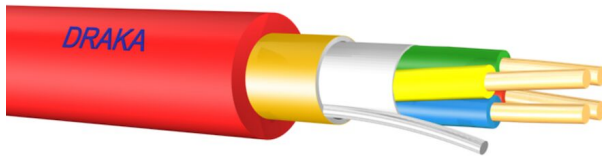


# SIGNAALKABEL 2300 FB30/60

Fire resistant signalling cable 30/60min



## GENERAL INFO

### Product family description

Signal Cable 2300 FB 30/60 is a **halogen-free, collectively shielded, paired signal cable with fire resistant properties**. The cable is used as a signal cable and telephone cable, and is specifically designed for parts of fire alarm and evacuation alarm systems, instrumentation and security systems, which require 30 or 60 minutes of function retention. The cable can also be used in intercom systems and areas that are susceptible to EMC interference. The cable is suitable for permanent installation in building installations, industrial installations, sustainable and renewable energy installations, telecommunication, and data centres.

The twisted pair construction of the cable **prevents cross-talk** between the pairs. The cable is also **easy to process and install**, which saves the installer time. The cable is **halogen-free** and limits damage caused by smoke and gases in case of fire.

The constructions with 0,8 mm conductors are designed in voltage class 50V.

Nominal voltage U [V]

300

## CERTIFICATIONS AND DESIGN STANDARDS

EN 60332-1-2  
IEC 61034

EN 60332-3

EN 50200

IEC 60754

## CABLE DESIGN

Conductor material	Copper
Conductor surface	Bare
Core insulation material	Silicone rubber
Drain wire	Yes
Screen over stranding	Foil
Material outer sheath	Halogenfree polymer

## APPLICATION PROPERTIES

Oil resistant	acc. IEC/EN 60811-404
Max. conductor temperature [°C]	90
UV resistant	Yes
Outdoor installation	Yes
Permitted cable outer temperature during assembling/handling (min) [°C]	-20

We reserve the right to change as a result of product development and/or changes in product standard.

Self-extinguishing  
Flame retardant

Yes  
In accordance with EN/IEC 60332-3-24

## PROPERTIES

Product name	Diameter conductor [mm]	Number of cores	Number of stranding elements	Nominal outer diameter [mm]	Cable weight [kg/km]	DOP number
SIGN KAB 2300 E 30/60 1X2X0.8 MM	0.8	2	1	6.6	56	
SIGN KAB 2300 E 30/60 1X2X1.5	1.35	2	1	8.9	99	
SIGN KAB 2300 E 30/60 1X2X2.5	1.75	2	1	9.7	125	
SIGN KAB 2300 E 30/60 1X4X0.8 MM	0.8	4	1	7.2	73	
SIGN KAB 2300 E 30/60 2X2X0.8 MM	0.8	4	2	8.8	86	
SIGN KAB 2300 E 30/60 2X2X1.5	1.35	4	2	12.8	169	
SIGN KAB 2300 E 30/60 2X2X2.5	1.75	4	2	14.9	260	
SIGN KAB 2300 E 30/60 4X2X0.8 MM	0.8	8	4	10	123	
SIGN KAB 2300 E 30/60 8X2X0.8 MM	0.8	16	8	12.5	191	
SIGN KAB 2300 E 30/60 12X2X0.8 MM	0.8	24	12	14.4	265	
SIGN KAB 2300 E 30/60 16X2X0.8 MM	0.8	32	16	15.8	330	
SIGN KAB 2300 E 30/60 20X2X0.8 MM	0.8	40	20	17.7	410	