



Product description:

FFKuS DATALIGHT is a medium duty corrugated conduit made of PVC with low friction inner surface, plastic jacket and integrated 2.2 mm plastic optical fibre (POF) cable. It is non-flame propagating and available in blue lilac (RAL 4005).

This corrugated plastic conduit is used for installing the future today. The integrated polymer optical fibre (POF) cable provides you with a complete data network in your building and meets all the requirements of a FITH (fibre in the home) network.



VDE 0605
DIN EN 61386-22
minimum compressive strength: 750 N/5 cm
POF cable certified according to OpTech-Net



Special features

At the same time, you can install all necessary energy lines thanks to the conduit provided. Using FFKuS DATALIGHT offers you two applications in one: data transmission and energy supply.

Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Pallet content m	Bend radius > mm
257 10 025	25	17,2	25,0	100	m	13,000	500	160

Classification	Code	Meaning	Classification	Code	Meaning
Compressive strength	3	medium (750 N)	Protection against solids	4	Foreign matter >= 1.0 mm
Impact strength	3	medium (2.0 kg/100 mm)	Protection against water	0	Not specified
Minimum temperature	4	- 25 °C	Corrosion protection	0	Not specified
Maximum temperature	1	+ 60 °C	Tensile strength	0	Not defined
Bending behaviour	2	pliable	Fire behaviour	1	Non flame propagating
Electrical characteristics	2	Insulation	Suspended load	0	Not defined

Standardisation

EN 61386-1:2009 Conduit systems for cable management - Part 1: General requirements / Source: Official Journal of the European Union of 16 May 2014 / Applied in full

EN 61386-22:2011 Conduit systems for cable management - Part 22: Particular requirements - Pliable conduit systems / Source: Official Journal of the European Union of 16 May 2014 / Applied in full

Outside diameter according to DIN EN 60423 / IEC 60423
**with low friction inner surface





FFKuS DATALIGHT

33412

Material properties		Fields of application	
Zero halogen	DIN VDE V 0604-2-100	• on plaster	• machines
Low smoke	DIN EN 61034-2	• under plaster	• hot asphalt
Non-flame propagating	DIN EN 61386-1	• on wood	• under screed
UV-resistant	DIN 53387	• underground installation	• prefabricated construction
Highspeed		• in concrete	• outdoor

Chemical properties	
Resistant to	hydrochloric acid emissions, sulphuric acid emissions, liquid ammonia, gaseous ammonia, beer, diesel fuel, aqueous fertiliser salt, photographic developer, vinegar (wine vinegar), anti-freeze, fruit juices, aqueous uric acid, fuel oil, sea water, methanol, milk, mineral oil, vegetable and animal oils, paraffin, gaseous propane, hydrochloric acid, sulfuric acid, detergent
Limitedly resistant to	gasoline, benzene, nitric acid
Not resistant to	gaseous dry chlorine, terpentine

Accessories		
Auxiliary tool	DATALIGHT Cutter	257 90 ...
Connector	DATALIGHT Connector 2.2	257 50 ...

Risk analysis

The product has been manufactured and tested according to the harmonized standards 61386-1 and 61386-22 in the sense of harmonization legislation of the EU. All safety-relevant tests have been adhered to. This product poses no further risk.

Hotline

Since technical developments cannot be foreseen, electrical installations should provide the possibility to be expanded at any time.

Information can be obtained from our technical consultants at +49 9525 88-8123

