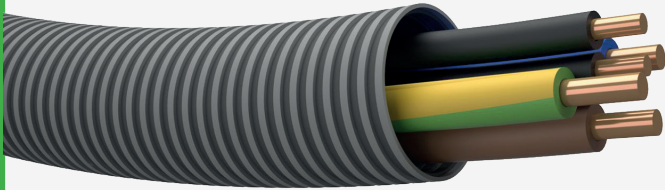


Pre wired conduit

PROFIT-HF



APPLICATION

Halogen free pre wired conduit for fixed installation in electrical- and communication network .
Conduit is suitable for installation in concrete.

STANDARDS

EN 61386-1
EN 61386-22
Cables and wires according to relevant standards

CONSTRUCTION

Conduit Flexible fire retardant grey corrugated tube
Cables and wires According to the design

PROPERTIES OF CONDUIT

Maximum temperature	+105°C (conduit)
Minimum handling temperature	0°C (conduit)
Compression rating	750 N/5 cm
EN 61386 classification	33432
CPR class	According to the wires

Conductors and cross section [mm ²]	CPR class	Outer diameter ca [mm]	EAN/GTIN number	SAP number
PROFIT-HF EQ-Pure 3G1,5 16	Dca-s2d2a2	16	4741532020208	20267269
PROFIT-HF EQ-Pure 3G2,5 16	Dca-s2d2a2	16	4741532020215	20267270
PROFIT-HF EQ-Pure 4G1,5 16	Dca-s2d2a2	16	4741532020222	20267262
PROFIT-HF EQ-Pure 5G1,5 20	Dca-s2d2a2	20	4741532020239	20267651
PROFIT-HF EQ-Pure 5G2,5 20	Dca-s2d2a2	20	4741532020246	20267652
PROFIT-HF MK-Pure 3x1,5 S 16	Dca-s2d2a2	16	-	-
PROFIT-HF MK-Pure 3x2,5 S 16	Dca-s2d2a2	16	-	-
PROFIT-HF MK-Pure 4x1,5 S 16	Dca-s2d2a2	16	-	-
PROFIT-HF MK-Pure 5x1,5 S 20	Dca-s2d2a2	20	-	-
PROFIT-HF MK-Pure 5x2,5 S 20	Dca-s2d2a2	20	-	-
PROFIT-HF MK-Pure 6 KEVI 16	Dca-s2d2a2	16	-	-
PROFIT-HF KLMA-HF D 2x0,8+0,8 16	Dca-s2d2a2	16	-	-
PROFIT-HF KLMA-HF D 4x0,8+0,8 16	Dca-s2d2a2	16	-	-
PROFIT-HF UC400 C6 U/UTP 4P 16	Dca-s2d2a2	16	-	-
PROFIT-HF UC400 C6 U/UTP 2x4P 20	Dca-s2d2a2	20	-	-
PROFIT-HF ML C-PRo 3G1,5	Cca-s1d1a1	16	4741532020406	20336420
PROFIT-HF ML C-PRo 3G2,5	Cca-s1d1a1	16	4741532020413	20337101
PROFIT-HF ML C-PRo 4G1,5	Cca-s1d1a1	16	4741532020420	20337102
PROFIT-HF ML C-PRo 5G1,5	Cca-s1d1a1	16	4741532020437	20337103
PROFIT-HF ML C-PRo 5G2,5	Cca-s1d1a1	20	4741532020444	20337104
PROFIT-HF ML C-PRo 7G1,5	Cca-s1d1a1	20	-	-

Single core wire

ML-HF D and C-PRo 450/750V (H07Z1-U)



Cca

Dca

APPLICATION

For fixed installation in a conduit, and for fixed internal wiring in appliances, switch gear and control gear with maximum voltage of 1000 V (DC) or 750 V (AC) to earth. Especially for circumstances where it is required to have insulated conductors with a low emission of smoke and corrosive gases in case of fire.

STANDARDS

EN 60228	EN 60332-3
EN 50525-2-31	EN 61034
EN 50575:2014	EN 60754
EN 60332-1-2	

CONSTRUCTION

Cable shape	Round
Conductor	Solid annealed copper conductor (class 1)
Insulation	Halogen-free compound
Stranding	Multicore wires stranded together

MARKING OF CORES

Single core colors according to agreement
3G - green-yellow, blue, brown
4G - green-yellow, blue, brown, black
5G - green-yellow, blue, brown, black, grey

PROPERTIES

Maximum conductor temperature	+70°C
Minimum handling temperature	-10°C
Maximum short circuit temperature	+160°C
CPR class	ML-HF D / EQ PURE: Dca-s2d2a2 ML-HF C-PRo: Cca-s1d1a1
UV-resistance	None

ML-HF D and C-PRo 450/750V

conductors and cross section [mm ²]	Outer diameter ca [mm]	Cable weight [kg/km]	Resistance [Ω /km]	Min final single bending radius [mm]	Min bending radius during installation [mm]
1,5	3	20	12,1	6	11
2,5	3,5	31	7,41	7	14
3G1,5	6	59	12,1	12	24
4G1,5	7	79	12,1	14	27
5G1,5	7,5	98	12,1	15	30
3G2,5	7,5	93	7,41	15	29
5G2,5	9	155	7,41	27	45