



Construction

Conductor Material	Stranded bare copper, class 5
Insulation Material	Silicon compound, type EI2 to EN 50363-1
Overall Shield	Aluminium/Polyester Tape
Drain Wire	Stranded tinned copper (7/0.19)
Sheath Material	Polyolefin compound, type TM7 to EN 50363-8
Sheath Color	Red
Core Identification	2 Cores: ● ● 3 Cores: ● ● ● 4 Cores: ● ● ● ●

Electrical Characteristics

Conductor Resistance	EN 60228
Insulation Resistance	100 MΩ.KM
Working Voltage	300/500V
Test Voltage (AC)	2000V

Physical Characteristics

Physical Characteristics	during and permanent installation 10 x OD
Temperature Rating	Flexing 0°C to +50°C Static -30°C to +90°C

Standards

Design Reference	UNE 211025
RoHS3, REACH Compliant	Yes
CE Compliant	Yes
CPR Certification	EN 50575: 2014+A1:2016 EN 13501-6: B2ca-s1b,d1,a1

ZHR X600 Fire Resistance Series SOZ1-K (AS+) PH120 B2ca

Applications

Primarily designed for use in emergency systems ensure continuous function during a fire, including emergency elevators, fire pumps, ventilation, lighting, and backup power supplies.

	Halogen & corrosive gas:	IEC 60754-1/2
	Flame retardant:	IEC 60332-1-2
	Fire propagation:	IEC 60332-3-24 EN 50399 (B2ca)
	Smoke density:	IEC 61034-2
	Circuit integrity:	EN 50200 (PH120)

Part Number	Cores	OD mm	Weight kg/km
1.0 mm²			
FX-X6000210	2	6.6	60
FX-X6000310	3	7.1	75
FX-X6000410	4	7.8	90
1.5 mm²			
FX-X6000215	2	7.4	75
FX-X6000315	3	7.8	95
FX-X6000415	4	8.6	120
2.5 mm²			
FX-X6000225	2	9.0	105
FX-X6000325	3	9.6	140
FX-X6000425	4	10.8	175
4.0 mm²			
FX-X6000240	2	10.3	145
FX-X6000340	3	11.0	195

*Other dimensions available on request; All dimensions in 100, 200 or 500 m length on drum.