

# PH120 3×1.0mm<sup>2</sup>

## Fire Alarm Cables

NO.7110456



### CABLE CONSTRUCTION:

- Conductor:** 1.0mm(sqmm) Plain annealed copper wire, class 1,2 or 5 according to EN60228.
- Insulation:** Fire resistant silicone rubber  
BS 6387 CWZ,EN 50200 PH120,IEC 60331  
Dia.over Dielectric:3x(0.087"(2.2 mm))
- Insulation Color:** Brn/Blk/Gry
- Flame Barrier:** Fibre Glass Tape
- Drain Wire:** 0.80 mm Solid tinned copper
- Shield:** Aluminum PET (100% Coverage 20% overlapping)  
FR-LSZH (Red or White)
- Jacket:** Dia.over Jacket: 0.264"±0.006"(6.70±0.15mm)  
HFFR EN 50290-2,BS7655 LTS1/LTS3,VDE 0207
- Print Legend:** HELLOSIGNAL Fire Alarm Cable PH120 1.0mm<sup>2</sup> 3 Cores Class N  
BC BS 50200:2006 NO.7110456 ×××M/FT



HELLOSIGNAL™

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### ELECTRICAL PROPERTIES(at20°C):

- Min.Bend Radius:** 8×Diameter
- Min.Insulation resistance:** 200 MΩ/km
- Max.Working Temperature:** -30°C~+90°C
- Test voitage:** 2000 V
- Max.Operating voitage:** 300 V / 600 V
- Max.resistance of Cond:** Class1,2: 18.1Ω/km                      Class5: 19.5Ω/km
- Current Carrying Capacity:**
- Nominal Capacitance:**

### Cross Section :

#### Ph120 3×1.0mm<sup>2</sup>

**Separator**  
0.025mmFibre

**Drain Wire**  
0.8mmTC

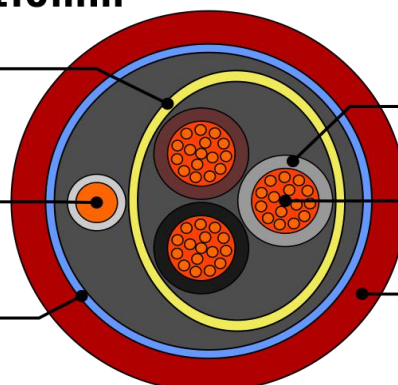
**Shield**  
0.038 mmAl/PET

**Insulation**  
2.2mm Silicone

**Conductor**  
30×0.2mmBC

**Jacket**  
6.5mm LSZH  
(CLASS 5) (Red)

**Insulation Color**  
●Brn ●Blk ●Gry



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## Test Standards

Flame Tests	Insulation Integrity	Smoke Density	Corrosive Gas Measurement
BS 4066 part 1 & 3	IEC 60331	BS 7622	BS EN 50267-2-2
EN 50266-2-4	BS 6387 CWZ	IEC/EN 61034	IEC 60754-2
IEC 60332-3-24	EN 50200 PH120	HD 606	BS 6425
IEC/EN 60332-1			

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## Order Informations :

Package	100M/Wooden Spool,200M/Wooden Spool,500M/Wooden Spool
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL™ OR OEM

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## Online Service :

Skype	kingtone3
ICQ	246632889
Whatsapp	0086 18268009191
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**[www.zion-communication.com](http://www.zion-communication.com)**  
**HANGZHOU ZION COMMUNICATION CO.,LTD**