

FIRE ALARM

PH30/120, FIRE RATED CABLE, SCREENED

Construction

Bare copper, fine wire stranded conductors. Core wrapping with special mica impregnated glass fibre tape. Core insulation of special PVC LSOH. Colour coding. Screening with alu-laminated polyester tape and stranded tinned copper drain wire. Special UL PVC Jacket. Special Halogen free; no evolution of corrosive and toxic gasses. Self-extinguishing and flame retardant.

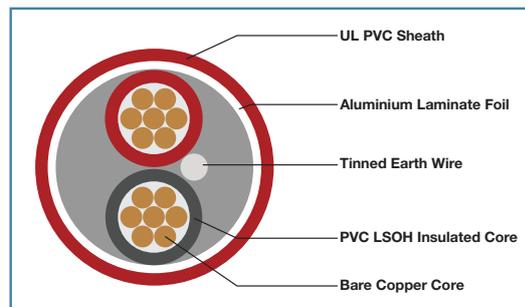
Applications

Fire Resistant cables with Halogen free compounds are mainly used for installation of fire alarm and emergency evacuation systems, where long term electrical circuits are required under fire conditions, and to prevent loss of life and property.

PH30: Assures the functional performance of emergency systems up to 30 minutes.
PH120: Assures the functional performance of emergency systems up to 120 minutes.

Packaging

Available in 500 metre drums.
 Cut lengths available on request.



Specification

Voltage Rating	500 V
Test Voltage	2500 V 50 Hz
Operating Temperature	-15°C to 70°C
Minimum Bending Radius	10 x cable Ø
Conductors	Bare copper, fine wire stranded
Colour Coding	Pair 1: Red and Blue Pair 2: Grey and Yellow
Insulation	Special PVC LSOH
Insulation Resistance	min. 200 MOhm/km



Product Code	No. Cores x cross-sec mm ²	Fire Rating min. @ 850°C	Outer Ø approx. mm	AWG-No.
AC1.0X2CORES	2 x 1.0	30	6.8	18
AC1.0X2CORESPH120	2 x 1.0	120	8.3	18
AC1.5X2CORES	2 x 1.5	30	7.6	16
AC1.5X2CORESPH120	2 x 1.5	120	9.0	16
AC2.5X2CORES	2 x 2.5	30	-	14
AC2.5X2CORESPH120	2 x 2.5	120	-	14
AC1.0X4CORES	4 x 1.0	30	8.6	18
AC1.0X4CORESPH120	4 x 1.0	120	-	18
AC1.5X4CORES	4 x 1.5	30	9.8	16
AC1.5X4CORESPH120	4 x 1.5	120	-	16
AC2.5X4CORES	4 x 2.5	30	-	14
AC2.5X4CORESPH120	4 x 2.5	120	-	14