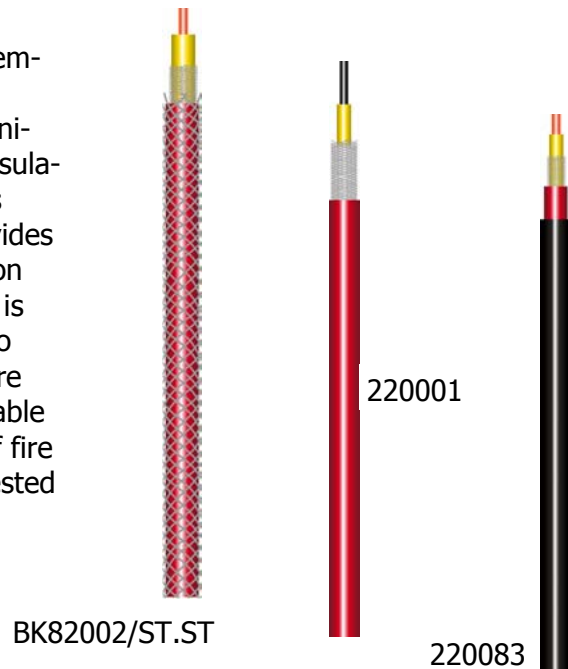


FIRESENSE 2000

ANALOGUE HEAT SENSING CABLE

L G M
PRODUCTS

The Firesense 2000 Linear Heat Detection Cable employs specially formulated polymers to provide a change in resistance with temperature that is monitored by the associated FS2000 controller. The insulation resistance of the coaxial cable falls when it is subjected to an increase in temperature and provides repeatable values at all levels up to the destruction temperature of the cable. This resistance change is monitored by the associated controller, which also provides a means of setting the alarm temperature for a given length of cable. The Firesense 2000 cable is therefore ideal for detecting the early stages of fire and overheat conditions and may be physically tested any number of times by the application of heat.



FIRESENSE 2000 Cable Specification

Part Nos:	220001 Standard	220083 Standard + Rilsan protective coating	BK82002ST/ST Standard + Stainless Steel Outer Braid
Co axial Construction :	Inner Core	-	Copper coated steel
	Insulation	-	Heat sensitive polymer
	Braid	-	Tinned copper wire
	Standard Outer sheath	-	Red P.V.C.
	Optional Additions	-	Rilsan outer protective coating or Stainless Steel Braid
Minimum Bend Radius:	6mm		
Tensile Strength:	Greater than 200N		
Supports & Fixings:	See Installation Guidelines for full details of available fixings.		
Weight:	1.6Kg /100 metres.	2.2Kg /100 metres.	3.0 Kg /100 metres.
Conductor Resistance:	Screen and core per 100 metres – 2 ohms		
Diameter:	2.8mm nominal.		
Operating Temperature	-20°C to +70°C (short excursions to 200°C)		
Alarm Temperature	typical - 1 metre alarm range 70 to 125°C		
Range:	- 10 metre alarm range 45 to 100°C		
	(Alarm temperatures may be set within limits at the associated controller, see Installation Guide for further details)		

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