

## Non-Resettable Digital LHDC Data Sheet

### Patol Part No. 700-090 / 700-091

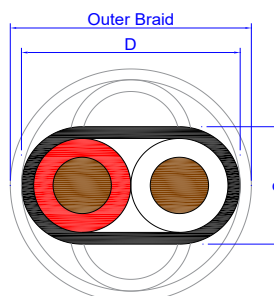
1.0	Make	:	Patol, U.K.
2.0	Type	:	Non-Resettable Digital Heat Sensing Cable
3.0	Voltage Rating	:	150V dc (Dielectric Test 500Vdc)
4.0	<b>Temperature</b>		
4.1	Maximum Ambient Temperature	:	70 Degrees Centigrade
4.2	Minimum Alarm Temperature	:	80 Degrees Centigrade
4.3	Maximum Alarm Temperature	:	90 Degrees Centigrade
5.0	Number of Cores	:	2 (Two)
6.0	Maximum Conductor Resistance per km at 20°C	:	100 ohms per km
7.0	<b>Material</b>		
7.1	Conductor	:	Tinned copper coated steel
7.2	Insulation	:	Thermoplastic (Red and White)
7.3	Sheath	:	Nylon (Black)
7.4	Outer Braid	:	S. S. AISI 304 grade - (Part No. 700-091 Only)
8.0	Conductor Diameter	:	0.9mm
9.0	Insulation Material Thickness	:	0.35mm
10.0	Minimum Bend Radius	:	50mm
11.0	Approval	:	UL Listed, File No. S24081
12.0	Approximate Detection Time (Small flame)	:	Approximately 5 seconds
13.0	Life Expectancy / Service life	:	20 years plus

Twisted pair dimensions:

$D = 4.0\text{mm} \pm 0.3$

$d = 3.0\text{mm} \pm 0.3$

Outer Braid = 4.6mm nom.



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