

## Non-Resettable Digital LHDC Data Sheet

Patol Part No. 700-070 / 700-071

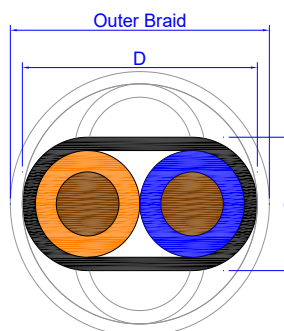
	Make	:	Patol, U.K.
2.0	Type	:	Non-Resettable Digital Heat Sensing Cable
3.0	Voltage Rating	:	150Vdc (Dielectric Test 500Vdc)
4.0	<b>Temperature</b>		
4.1	Maximum Ambient Temperature	:	45 Degrees Centigrade
4.2	Minimum Alarm Temperature	:	60 Degrees Centigrade
4.3	Maximum Alarm Temperature	:	70 Degrees 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 (Blue and Orange)
7.3	Sheath	:	Nylon (Black)
7.4	Outer Braid	:	S.S. AISI 304 grade - (Part No. 700-071 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 = 4.60mm nom.



**Contact Details:**

Patol Limited  
 Archway House  
 Bath Road  
 Padworth, Reading,  
 Berkshire  
 RG7 5HR  
 Tel: +44 (0)1189 701 701  
 Fax: +44 (0)1189 701 700  
 Email: info@patol.co.uk  
 Web: www.Patol.co.uk