

# Non-Resettable Digital LHDC Data Sheet

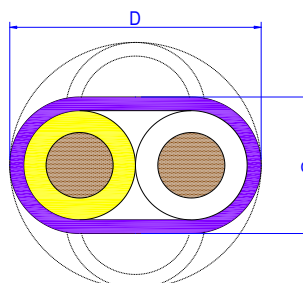
Patol Part No. 700-180 / 700-181

1.0	Make	:	Patol, U.K.
2.0	Type	:	Non-Resettable Digital Heat Sensing Cable
3.0	Voltage Rating	:	150Vdc (Dielectric Test 500Vdc)
4.0	<b>Ambient Temperature</b>		
4.1	Maximum Ambient Temperature (short term)	:	150 Degrees Centigrade
4.2	Maximum Ambient Temperature (long term)	:	130 Degrees Centigrade
5.0	<b>Alarm Temperature</b>		
5.1	Minimum Alarm Temperature	:	170 Degrees Centigrade
5.2	Maximum Alarm Temperature	:	180 Degrees Centigrade
6.0	Number of Cores	:	2 (Two)
7.0	Maximum Conductor Resistance per km at 20°C	:	100 ohms per km
8.0	<b>Material</b>		
8.1	Conductor	:	Tinned copper coated steel
8.2	Insulation	:	Thermoplastic (Yellow and White)
8.3	Outer Sheath	:	Nylon 12 (Violet)
8.4	Over Braid	:	S.S. AISI 304 grade- (Part No. 700-181 Only)
9.0	Conductor Diameter	:	0.9mm
10.0	Insulation Material Thickness	:	0.35mm
11.0	Approximate Detection Time (Small flame)	:	Approximately 5 seconds
12.0	Life Expectancy / Service Life	:	20 years plus

Twisted pair dimensions:

D = 4.0mm ±0.3

d = 3.0mm ±0.3



**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