



Technical Data Sheet

CANFORD SDV-L-LFH CABLE

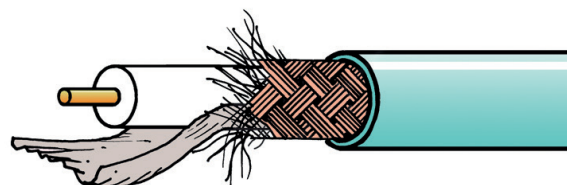
36-530 CANFORD SDV-L-LFH CABLE Black

36-536 CANFORD SDV-L-LFH CABLE Turquoise

36-537 CANFORD SDV-L-LFH CABLE Violet

MECHANICAL DATA

Inner Conductor:	1.00mm Plain Copper Wire.
Dielectric:	Gas injected foam high density polyethylene, 4.8mm O.D.
Screen 1:	Aluminium/polypropylene/ aluminium tape
Screen 2:	Tinned copper braid, optical coverage 95%
Screening efficiency:	95%
Construction:	Coaxial cable Plain Copper Conductor Foamed Polyethylene Dielectric wrapped with Aluminium//Poly/Aluminium Tape Tinned Copper Braid LFH Outer Jacket, (black, turquoise or violet)
Jacket:	LFH compound, (CPR Classification Eca, FRNC to IEC60332-1)
Overall Diameter:	6.80mm Nominal
Weight:	6.9kg/100m Nominal
Minimum bend radius:	35mm indoor 70mm outdoor
Temperature range:	-20° C to + 80° C
Reel length:	1000m
Cut lengths:	Available in any multiple of 1 metre



ELECTRICAL DATA

Impedance:	75 ohms +/-1%																				
Capacitance(s):	56pF/m Nominal.																				
Inner Conductor(s):	28 Ohms/km Max.																				
Outer Conductor(s):	19 Ohms/km Max./screens																				
Attenuation:	<table> <tr> <th>MHz</th><th>dB/100m</th></tr> <tr> <td>10</td><td>2.0</td></tr> <tr> <td>100</td><td>6.7</td></tr> <tr> <td>200</td><td>9.2</td></tr> <tr> <td>750</td><td>18.4</td></tr> <tr> <td>1500</td><td>26.5</td></tr> <tr> <td>3000</td><td>38.3</td></tr> <tr> <td>6000</td><td>56.8</td></tr> <tr> <td>9000</td><td>69.6</td></tr> <tr> <td>12000</td><td>80.3</td></tr> </table>	MHz	dB/100m	10	2.0	100	6.7	200	9.2	750	18.4	1500	26.5	3000	38.3	6000	56.8	9000	69.6	12000	80.3
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Return Loss:	<table> <tr> <td>26dB:</td><td>50-300MHz</td></tr> <tr> <td>22dB:</td><td>300-3000MHz</td></tr> <tr> <td>18dB:</td><td>3000-3500MHz</td></tr> <tr> <td>15dB:</td><td>3500-5000MHz</td></tr> </table>	26dB:	50-300MHz	22dB:	300-3000MHz	18dB:	3000-3500MHz	15dB:	3500-5000MHz												
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Velocity of Propagation:	80% Nominal																				

Manufactured specifically for Canford by Draka Prysmium Multimedia.
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