

## Defence Standard S LSOH Technical Data Sheet



Voltage Rating	Temperature Range	Min. Bending Radius
440V	-20°C to +70°C	12 x OD

<b>Conductor:</b>	Class 5 tinned copper to IEC 60228 and VDE 0295
<b>Insulation:</b>	LSOH
<b>Screen:</b>	Aluminium-Mylar foil screening with a drain wire
<b>Sheath:</b>	LSOH
<b>Standards:</b>	IEC 60332-1-2

Part number	Conductor (No/mm)	Diameter of conductor (mm)	Thickness of insulation (mm)	Diameter of insulation (mm)	Diameter of screen (mm)	Thickness of sheath (mm)	Overall diameter (mm)	Approx. Weight (kgs/km)
16-2-2S	16/0.2	0.95	0.45	1.85	3.9	0.8	5.5	38
16-2-4S	16/0.2	0.95	0.45	1.85	4.7	1.0	6.7	55
16-2-6S	16/0.2	0.95	0.45	1.85	5.8	1.0	7.8	81
16-2-8S	16/0.2	0.95	0.45	1.85	6.3	1.0	8.3	92
16-2-12S	16/0.2	0.95	0.45	1.85	7.9	1.0	9.9	136
16-2-18S	16/0.2	0.95	0.45	1.85	9.5	1.0	11.5	186
24-2-4S	24/0.2	1.15	0.45	2.05	5.1	1.0	7.1	83

### Insulation identification

<b>1</b>	Red	<b>6</b>	Black	<b>11</b>	Turquoise	<b>16</b>	White/red	<b>21</b>	Blue/black
<b>2</b>	Blue	<b>7</b>	Brown	<b>12</b>	Grey	<b>17</b>	Red/black	<b>22</b>	Orange/blue
<b>3</b>	Green	<b>8</b>	Violet	<b>13</b>	Red/blue	<b>18</b>	Red/brown	<b>23</b>	Green/blue
<b>4</b>	Yellow	<b>9</b>	Orange	<b>14</b>	Green/red	<b>19</b>	Yellow/blue	<b>24</b>	Grey/blue
<b>5</b>	white	<b>10</b>	pink	<b>15</b>	Yellow/red	<b>20</b>	White/blue	<b>25</b>	Yellow/green

Note: Base colours are identified by capital letters