


## Defence Standard A Technical Data Sheet

	Rated Voltage	Temperature Range	Min. Bending Radius
	440V	-20c to +70c	8 x OD

<u>Conductor:</u>	Class 5, annealed bare copper stranded to IEC 60228 and VDE 0295
<u>Insulation:</u>	PVC (Polyvinylchloride)
<u>Lay up:</u>	All cores are laid up together, wrapped with a polyester tape
<u>Sheath:</u>	Black PVC (polyvinylchloride) also available in LSF and LSOH

Part number	Conductor (No/MM)	Diameter of conductor (MM)	Thickness of insulation (MM)	Diameter of insulation (MM)	Diameter of laid up cores (MM)	Thickness of sheath (MM)	Overall diameter (MM)	Approx weight (KGS/KM)
7-2-2A	7/0.2	0.6	0.3	1.52	2.5	0.5	3.5	16
7-2-4A	7/0.2	0.6	0.3	1.2	3.0	0.5	4.0	24
7-2-6A	7/0.2	0.6	0.3	1.2	3.7	0.5	4.7	34
7-2-8A	7/0.2	0.6	0.3	1.2	4.1	0.6	5.3	48
7-2-12A	7/0.2	0.6	0.3	1.2	5.1	0.6	6.3	64
7-2-18A	7/0.2	0.6	0.3	1.2	6.1	0.7	7.5	93
7-2-25A	7/0.2	0.6	0.3	1.2	7.5	0.7	8.9	131
16-2-2A	16/0.2	0.95	0.45	1.85	3.8	0.9	5.6	44
16-2-4A	16/0.2	0.95	0.45	1.85	4.6	0.9	6.4	62
16-2-6A	16/0.2	0.95	0.45	1.85	5.7	0.9	7.5	87
16-2-8A	16/0.2	0.95	0.45	1.85	6.2	0.9	8.0	119
16-2-12A	16/0.2	0.95	0.45	1.85	7.8	0.9	9.6	152
16-2-18A	16/0.2	0.95	0.45	1.85	9.4	1.0	11.4	213
16-2-25A	16/0.2	0.95	0.45	1.85	11.5	1.0	13.5	258

### 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