

Heat Resisting Mains Flex - 3 Core

Silicone Insulated, 3093Y



- Blue, Brown and Green/Yellow
- Tinned copper conductors
- Silicone rubber insulated to **BS6899**
- Sheathed overall in high temperature PVC to **BS6746, Type 4**

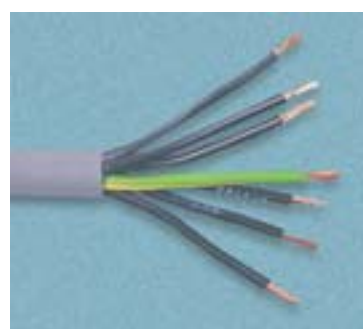
Max. working temperature 85°C Sheath, 150°C Core
Voltage rating 300/500V

Conductor Area (mm ²)	Outside Min.	Diameter Max.	Current Rating (20°C)	Conductor Area (mm ²)	Outside Min.	Diameter Max.	Current Rating (20°C)
0.5mm ²	5.8	7.8	3A	1.0mm ²	6.8	8.4	10A
0.75mm ²	6.4	8.0	6A	1.5mm ²	7.3	8.00	15A

Conductor Area	Order Code	Price Per Reel			
		1+	5+	+	+
Black (100m Reels)					
0.5mm ²	117-9218	8,132.00	7,484.00	--	--
0.75mm ²	117-9219	8,454.00	8,182.00	--	--
1.0mm ²	117-9220	9,974.00	9,173.00	--	--
Black (25m Reels)					
0.75mm ²	117-9221	2,191.00	2,052.00	--	--
1.5mm ²	117-9222	3,614.00	3,511.00	--	--
White (100m Reels)					
0.75mm ²	117-9223	8,454.00	8,182.00	--	--
1.0mm ²	117-9224	9,974.00	9,173.00	--	--
White (25m Reels)					
0.75mm ²	117-9225	2,191.00	2,052.00	--	--
1.5mm ²	117-9227	3,614.00	3,511.00	--	--

Flexible Power Control Cable

YY Type - PVC Sheathed



- Flexible PVC insulated plain copper conductors
- Sheathed overall in Grey PVC to VDE specifications
- Applications data: instrumentation, power control in areas not requiring screened armour protection.

Operating temperature -20°C to +80°C (fixed installation) Voltage rating 300/500V
-5°C to +70°C (flexing)

Conductor Area (mm ²)	Maximum Outside Diameter					Current Rating
	3 Core	4 Core	5 Core	7 Core	12 Core	
0.75mm ²	6.3	6.8	7.1	8.5	10.5	6A
1.0mm ²	6.6	7.3	—	9.1	—	10A
1.5mm ²	7.3	8	9	10.4	—	16A
2.5mm ²	9.1	9.8	11	—	—	20A

Core Colour Codes 3 Core: 2 x numbered Black, Green/Yellow
4 Core: 3 x numbered Black, Green/Yellow
5 Core: 4 x numbered Black, Green/Yellow
7 Core: 6 x numbered Black, Green/Yellow
12 Core: 11 x numbered Black, Green/Yellow

Conductor Area	Order Code	Price Per Reel			
		1+	5+	+	+
3 Core					
0.75mm ²	118-4432	1,576.00	1,446.00	--	--
1.0mm ²	118-4433	1,743.00	1,651.00	--	--
1.5mm ²	118-4434	2,355.00	2,240.00	--	--
2.5mm ²	118-4435	3,676.00	3,421.00	--	--
4 Core					
0.75mm ²	118-4437	2,039.00	1,867.00	--	--
1.0mm ²	118-4438	2,332.00	2,086.00	--	--
1.5mm ²	118-4439	3,388.00	--	--	--
2.5mm ²	118-4440	4,468.00	4,270.00	--	--
5 Core					
0.75mm ²	118-4442	3,333.00	3,134.00	--	--
1.5mm ²	118-4443	3,826.00	3,605.00	--	--
2.5mm ²	118-4444	6,011.00	5,732.00	--	--
7 Core					
0.75mm ²	118-4445	4,619.00	4,152.00	--	--
1.0mm ²	118-4446	5,504.00	4,934.00	--	--
1.5mm ²	118-4447	4,935.00	4,730.00	--	--
12 Core					
0.75mm ²	118-4448	4,532.00	3,630.00	--	--

YY Cable



- Flexible power control cable commonly used in power control, instrumentation or automated equipment where screening or armouring is not required
- Overall sheathed in Grey PVC with plain copper conductors

Conductor Area (mm ²)	Maximum Outside Diameter								Current Rating
	3 Core	4 Core	5 Core	7 Core	8 Core	12 Core	18 Core		
0.75	7.1	7.7	8.6	9.5	—	12.6	13.4	6A	
1.0	7.6	8.2	—	10.1	—	—	—	10A	
1.5	8.9	9.6	10.8	11.9	11.6	—	17	16A	
2.5	13.8	11.6	12.6	—	13.8	—	21	20A	

Conductor Area	Reel Length (m)	Order Code	Price Per Reel	
			1+	5+
3 Core				
0.75mm ²	50	388-4466	1,408.00	1,267.00
0.75mm ²	100	388-4478	2,217.00	2,107.00
1.0mm ²	50	388-4480	1,510.00	1,359.00
1.0mm ²	100	388-4491	2,526.00	2,401.00
1.5mm ²	100	388-4510	3,342.00	3,176.00
2.5mm ²	100	388-4533	5,040.00	4,536.00
4 Core				
0.75mm ²	50	388-4545	1,406.00	1,336.00
0.75mm ²	100	388-4557	2,710.00	2,525.00
1.0mm ²	50	388-4569	2,253.00	2,028.00
1.0mm ²	100	388-4570	3,308.00	3,143.00
1.5mm ²	50	388-4582	2,407.00	2,287.00
1.5mm ²	100	388-4594	4,622.00	4,392.00
2.5mm ²	50	388-4600	3,915.00	3,720.00
2.5mm ²	100	388-4612	7,620.00	7,239.00
5 Core				
0.75mm ²	50	388-4624	2,307.00	2,192.00
1.5mm ²	50	388-4636	3,195.00	2,875.00
2.5mm ²	50	388-4648	4,810.00	4,570.00
7 Core				
0.75mm ²	50	388-4650	3,139.00	2,983.00
1.0mm ²	50	388-4661	4,125.00	3,919.00
1.5mm ²	50	388-4673	4,589.00	4,281.00
2.5mm ²	50	120-2708	7,816.00	7,141.00
8 Core				
1.5mm ²	50	120-2709	6,600.00	6,052.00
2.5mm ²	50	120-2710	9,666.00	9,183.00
12 Core				
0.75mm ²	50	388-4685	4,019.00	3,819.00
1.5mm ²	50	120-2711	7,693.00	7,115.00
2.5mm ²	50	120-2712	11,924.00	10,817.00
18 Core				
0.75mm ²	50	120-2713	9,247.00	8,910.00
1.5mm ²	50	120-2714	10,257.00	9,054.00
2.5mm ²	50	120-2715	16,148.00	--

CY Cable



- Flexible power control cable used in data applications and automated equipment where screening is required and the equipment could be subject to vibration
- Grey PVC insulation with a tinned annealed copper braid

Conductor Area (mm ²)	Conductor Size	Maximum Outside Diameter				Current Rating
		3 Core	4 Core	5 Core	7 Core	
0.75	24/0.2mm	7.2	7.8	8.2	—	6A
1.0	32/0.2mm	7.5	8.2	9.1	—	10A
1.5	30/0.25mm	8.2	9.1	10.3	11.1	16A
2.5	50/0.25mm	10.1	11.1	12.4	—	20A

Core Colour Codes 3 Core: Blue, Brown, Green/Yellow
4 Core: Blue, Brown, Black, Green/Yellow
5 Core: Blue, Brown, 2 x Black, Green/Yellow
7 Core: 6 numbered Black, Green/Yellow

Conductor Area	Reel Length (m)	Order Code	Price Per Reel			
			1+	5+	+	+
3 Core						
0.75mm ²	50	388-4697	2,632.00	2,501.00	--	--
0.75mm ²	100	388-4703	4,985.00	4,736.00	--	--
1.0mm ²	50	388-4715	2,863.00	2,720.00	--	--
1.0mm ²	100	388-4727	5,305.00	5,040.00	--	--
1.5mm ²	50	388-4739	3,639.00	3,358.00	--	--
1.5mm ²	100	388-4740	6,628.00	6,251.00	--	--
2.5mm ²	50	388-4752	4,734.00	4,497.00	--	--
2.5mm ²	100	388-4764	9,309.00	8,844.00	--	--