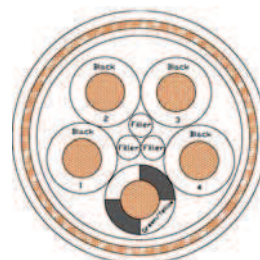
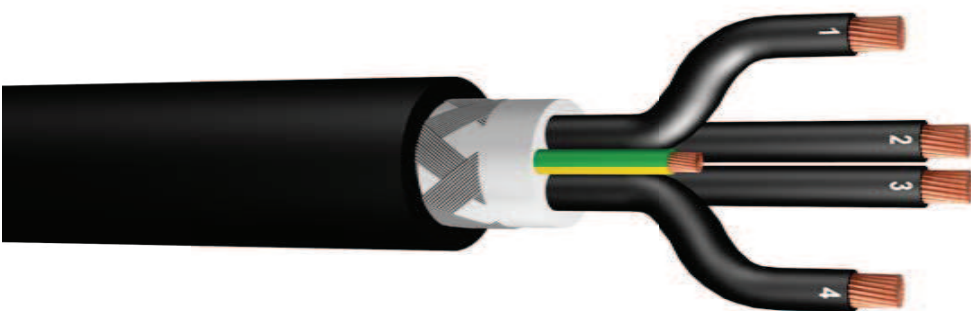


CONFLEX ELECTRIC CABLE

0.6/1kV Flexible EMC Control Cables

● **Flexible stranded plain annealed copper conductor, PVC insulation, PVC bedding, screened with tinned annealed copper braid and thermoplastic (TPE) sheathing.**



Voltage Ranges:	600V / 1000V
Test voltage:	2500V rms between conductors, between conductors and screen
Conductor operating temp:	- 25°C ~ 75°C
Short circuit temp:	140°C for 5 sec
Minimum bending radius:	7.5xcable O.D
Maximum pulling tension:	20N/mm ² x total cross-sectional area of phase conductor

--The maximum conductor temperatures specified are based on the properties of the insulation material but in practice may need to be derated to take account of joints and terminations and environmental conditions.

--The cables should not be flexed when either the ambient or cable temperature is below 0°C

--Thermoplastic PVC V75 insulation is subject to deformation at temperature above 70°C.

Core identification:	Active core:	black core with white numbering
	Earth core:	green/yellow
Sheath identification:	black	

Product Code	No. of Core	Cond. Area (mm ²)	Core Dia (mm)	Over Bedding Dia (mm)	Cable Dia. (mm)	Approx. Weight (kg/km)	Max d.c. resistance @ 20°C (Ω / km)
8100	2C+E	1.5	3.1	9.0	12.35	200	13.3
8101	2C+E	2.5	3.6	10.0	13.39	245	7.98
8109	3C+E	4	4.4	13.3	16.68	399	4.95
8102	4C+E	1.5	3.1	10.7	14.10	266	13.3
8103	4C+E	2.5	3.6	12.0	15.39	336	7.98
8110	4C+E	4	4.4	14.6	17.99	470	4.95
8104	6C+E	1.5	3.1	15.6	18.96	400	13.3
8105	6C+E	2.5	3.6	17.6	20.97	512	7.98
8107	11C+E	2.5	3.6	39.1	42.47	1367	7.98

● **Standard compliance**

AS/NZS 5000.1	- Electric cables - Polymeric insulated - Part 1: For working voltages up to and including 0.6/1 (1.2) kV
AS/NZS 1125	- Conductors in insulated electric cables, cords and conductors
AS/NZS 3808	- Insulating and sheathing materials for electric cables

● **Availability**

Plain annealed copper braid screen is available on request.