

Building Wires



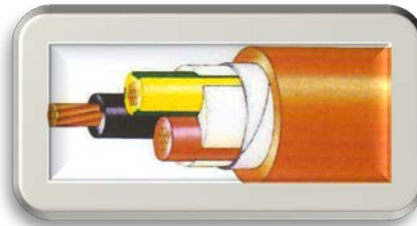
Orange Circular

Uses: For Sub mains and sub circuits.
Suitable for Glanding.

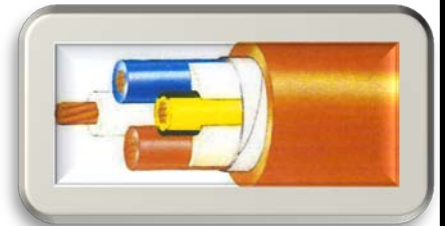
Standard Core Colours: Red, White, Black Green/Yellow (Earth).

Conductor: Annealed Copper.

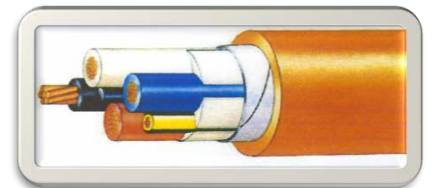
Insulation/Sheath: PVC Compounds for continuous conductor temperature of 75°C.



2 Core + Earth



3 Core + Earth



4 Core + Earth

CODE: CSBW (Nom. Area) { Core Count }
--- i.e. CSBW2.53CE---[2.5mm 3C+Earth]

Nom. Area (mm ²)	Size of Power Conductor		Size of Earth Conductor	
	Number & Diameter of Wires No./mm	Average Insulation Thickness (mm)	Number & Diameter of Wires No./mm	Average Insulation Thickness (mm)
1.5	7/0.50	0.8	7/0.50	0.6
2.5	7/0.67	0.8	7/0.67	0.7
4	7/0.85	1	7/0.67	0.7
6	7/1.04	1	7/0.67	0.7
10	7/1.35	1	7/0.85	1
16	7/1.70	1	7/1.04	1
25	19/1.35	1.2	7/1.04	1
35	19/1.53	1.2	7/1.35	1
50	19/1.78	1.4	7/1.70	1
70	19/2.14	1.4	19/1.35	1.2
95	19/2.45	1.6	19/1.35	1.2
120	37/2.03	1.6	19/1.53	1.2
150	37/2.25	1.8	19/1.78	1.4
185	37/2.52	2	19/2.14	1.4
240	61/2.25	2.2	37/1.78	1.6
300	61/2.52	2.4	37/2.03	1.6

Steel Wire Armoured (SWA) versions available in all Cores

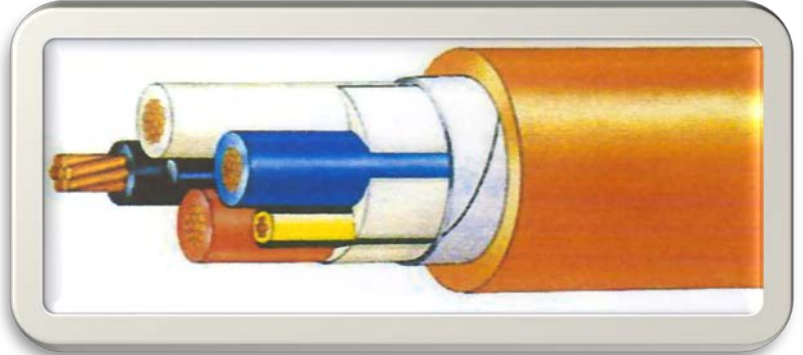
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Orange Circular

Standard Core colours: Red, White, Black Green/Yellow (Earth).

Conductor: Annealed Copper.

Insulation/Sheath: PVC Compounds for continuous conductor temperature of 75°C.



***PVC Insulated, PVC Sheathed, 4Core + E, 0.6/1 kV to AS 3147.

<u>Size of Power Conductor</u>			<u>Size of Earth Conductor</u>		
Nominal Conductor Area (mm ²)	Number & Diameter of Wires No./mm	Average Insulation Thickness (mm)	Number & Diameter of Wires No./mm	Average Insulation Thickness (mm)	Approx. Overall Diameter (mm)
1.5	7/0.50	0.8	7/0.50	0.6	14.0
2.5	7/0.67	0.8	7/0.67	0.7	15.5
4	7/0.85	1.0	7/0.67	0.7	17.6
6	7/1.04	1.0	7/0.67	0.7	18.9
10	7/1.35	1.0	7/0.85	1	21.4
16	7/1.70	1.0	7/1.04	1	24.1
25	19/1.35	1.2	7/1.04	1	28.2
35	19/1.53	1.2	7/1.35	1	31.0
50	19/1.78	1.4	7/1.70	1	35.0
70	19/2.14	1.4	19/1.35	1.2	40.3
95	19/2.45	1.6	19/1.35	1.2	45.7
120	37/2.03	1.6	19/1.53	1.2	50.4
150	37/2.25	1.8	19/1.78	1.4	55.8
185	37/2.52	2.0	19/2.14	1.4	62.2
240	61/2.25	2.2	37/1.78	1.6	70.9
300	61/2.52	2.4	37/2.03	1.6	78.1