



### Type 2S 1.1/1.1KV & 3.3/3.3KV Collectively Screened

#### » Applications .....

These collectively copper screened cables are used for wiring of machines or between machines and equipment where a rubber cable is desired. These cables are also used for longwall lighting circuits, and may contain pilot and control cores or twisted pair and screened cores.

#### » Standards .....

AS/NZS 1972:2006

AS/NZS 1125

AS/NZS 3808

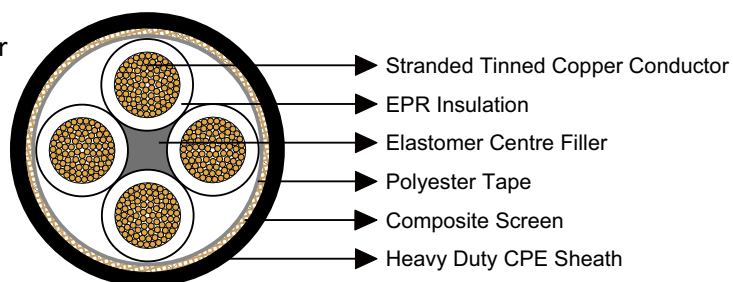
#### » Construction .....

**Conductors:** Stranded tinned annealed copper conductor.

**Insulation:** EPR.

**Filling:** Elastomer centre filler.

**Bedding:** Polyester tape.



**Composite Screen (earth conductor):** Tinned annealed copper braiding interwoven with polyester yarn.

**Sheath:** Heavy duty CPE sheath.

#### » Dimensions and Weight .....

| Number of Core                        | Nominal Conductor Area | Strand Size | Insulation Thickness | Core Screen |                 | Nominal Sheath Thickness | Nominal Overall Diameter | Nominal Weight |
|---------------------------------------|------------------------|-------------|----------------------|-------------|-----------------|--------------------------|--------------------------|----------------|
|                                       |                        |             |                      | Strand Size | Area of Screen  |                          |                          |                |
|                                       | mm <sup>2</sup>        | No/mm       | mm                   | mm          | mm <sup>2</sup> | mm                       | mm                       | kg/100m        |
| Type 2S 1.1/1kV Collectively Screened |                        |             |                      |             |                 |                          |                          |                |
| 2                                     | 1.5                    | 30/0.25     | 1.0                  | 0.20        | 5.3             | 1.8                      | 14.7                     | 17             |
| 4                                     | 1.5                    | 30/0.25     | 1.0                  | 0.20        | 12.1            | 1.8                      | 19.9                     | 26             |
| 6                                     | 1.5                    | 30/0.25     | 1.0                  | 0.20        | 22.6            | 1.8                      | 25.7                     | 35             |
| 16                                    | 1.5                    | 30/0.25     | 1.0                  | 0.25        | 113.1           | 1.8                      | 47.1                     | 71             |
| 20                                    | 1.5                    | 30/0.25     | 1.0                  | 0.25        | 159.0           | 1.8                      | 53.2                     | 82             |