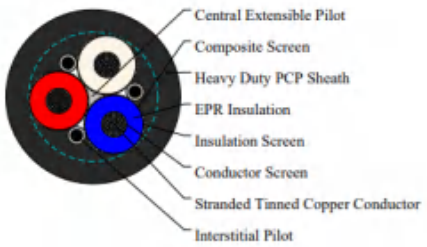
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## AS/NZS 1802:2003 Reeling & Trailing Cables

Type 240 11KV 3C50






## APPLICATIONS

Type 240 cable are primarily utilized as feeder cables for providing power to machinery or for longwall supply. They feature three large pilot cores and substantial core screens, ensuring low-resistance earthing.

## STANDARDS

AS/NZS 1802:2003
AS/NZS 1125
AS/NZS 3808
AS/NZS 5000.1

## CABLE CONSTRUCTION

- **Conductors:** Three flexible, stranded, tinned, annealed copper conductors.
- **Insulation:** Ethylene Propylene Rubber (EPR).
- **Insulation Screen:** Semiconductive elastomer.
- **Composite Screen (earth conductor):** Tinned, annealed copper braiding interwoven with polyester yarn.
- **Interstitial Pilots:** Three EPR-covered, flexible, stranded tinned copper conductors.
- **Cradle Separator:** Semiconductive Polychloroprene (PCP).
- **Sheath:** Heavy-duty PCP sheath, with an option for heavy-duty Chlorinated Polyethylene/Chlorosulfonated Polyethylene (CPE/CSP) sheath upon request.

## DIMENSION AND PARAMETERS

| Nominal Cross-sectional Area | No./ Nominal Diameter of Strands | Core Screen Strand Size | Core Screen Area of Screen | Pilot Conductor Strand Size | Pilot Conductor Thickness of Covering | Nominal Insulation Thickness | Nominal Sheath Thickness | Nom. Overall Diameter | Approx. Weight |
|---|---|---|---|---|---|---|---|---|---|
| mm² | no./mm | no./mm | mm² | no./mm | mm | mm | mm | mm | kg/km |
| 50 | 380/0.4 | 7/0.3 | 31.7 | 120/0.3 | 2 | 7.6 | 8.7 | 83.6 | 961 |