

33 Core Instrumentation Cable

Mechanical & Electrical characteristics

Construction:

8 Core

Inner Conductor: 0.5mm² Tinned Copper Wire (16/0.2mm)
Dielectric: 1.85mm (Nominal) PVC Insulation
Colour Sequence: See Below

25 Core

Inner Conductor: 0.22mm² Tinned Copper Wire (7/0.2mm)
Dielectric: 1.20mm (Nominal) PVC Insulation
Colour Sequence: See Below

Screen:

Aluminium Polyester Tape
Tinned Copper Wire Braid (95%)

Sheath:

PVC ● BLK

Sheath Diameter:

13.00mm (Nominal)

Storage/Operating Temperature:

-15°C to +80°C

Minimum Installation Temperature:

-5°C

DC Resistance Conductor:

0.5mm² ≤40 Ω/km at 20°C

0.22mm² ≤84.5 Ω/km at 20°C

Insulation Resistance:

>200 MΩ.km

Operating Voltage:

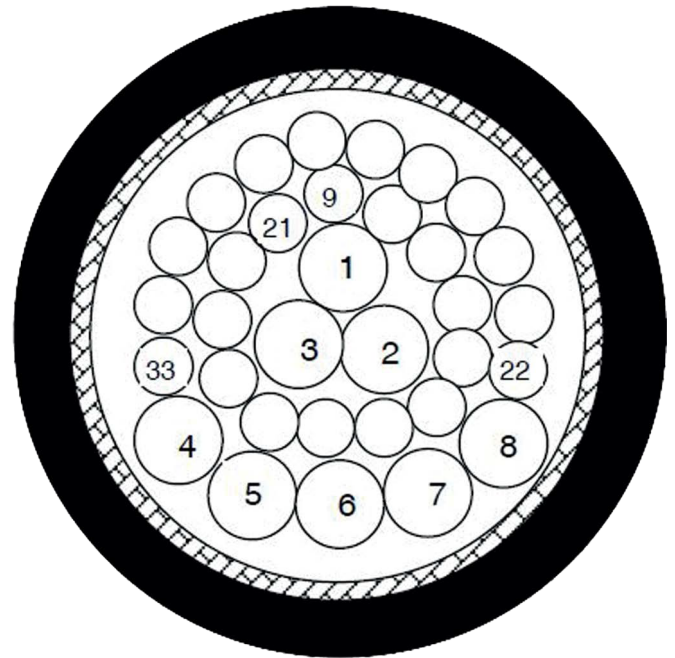
300V

7/0.2mm Colours

9. Yellow, 10. Turquoise, 11. Orange, 12. Green
13. Grey, 14. Pink, 15. Red/Blue, 16. Green/Red,
17. Yellow/Red, 18. White/Red, 19. Red/Black,
20. Red/Brown, 21. Yellow/Blue, 22. White/Blue,
23. Blue/Black, 24. Orange/Blue 25. Green/Blue,
26. Grey/Blue, 27. White/Green, 28. Green/Black,
29. Orange/Green, 30. Grey/Green,
31. Yellow/Brown, 32. White/Brown,
33. Brown/Black

16/0.2mm Colours

1. Red, 2. Black, 3. White, 4. Blue, 5. Brown
6. Violet, 7. Brown/Green, 8. Blue/Green



7/0.2mm core numbered 9-33 are ring marked.