



TABLE C6 : Multicore Cables Individually Screened Cores

Application

- Power, Lighting, Control & Communication and Instrumentation circuits in surface ships and submarines.
- Used in fuel and lubrication oils, hydraulic fluids and water surfaces.
- Ship systems & equipments and weapon systems & equipments.

Features

- Limited Fire Hazard
- Halogen free

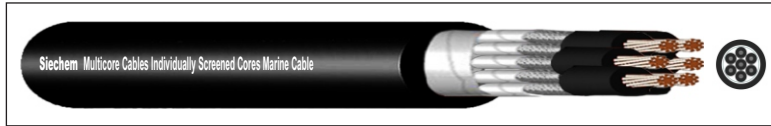
Product Construction

- Conductor : Circular Electroplated, annealed tinned copper wire (Class 2) complying with BS : 6360
- Insulation : Silicone Rubber (Type E)
- Protective Tape : Glass Mica Tape
- Individual Braid : Annealed Tinned Copper (braid 95% Coverage)
- Laying up
- Binder Tape : Polyethylene Teraphthalate
- Outer Sheath : Limited Fire Hazard complying with NES 518 Material - Black.

Technical Data

- Temperature Range : - 30°C to +105°C
- Rated Voltage (U₀/U) : 440 V
- Test Voltage : 1.5 kV
- Bending Radius(Min) : 6 x Cable Diameter
- Specification : DEF Stand 02-527

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|-----------------|------------------|----------------|------------------|-----------|
| ISO 9001 | ISO 14001 | AS 9100 | ISO 45001 | CE |
| | | | | |



| Part Number | Conductor | | | Insulation Thickness (mm) | Sheath Thickness (mm) | Diameter Overall (mm) | Max. Conductor Resistance at 20°C (Ω/km) | Total Weight approx. Kg/Km | Length on Drum | Current Carrying Capacity |
|-------------|------------------------------|------------|---------------|---------------------------|-----------------------|-----------------------|--|----------------------------|----------------|---------------------------|
| | No. of Cores mm ² | Stand (mm) | Diameter (mm) | | | | | | | |
| 521-6918 | 3C x 1.0 | 7/0.44 | 1.32 | 0.5 | 1.2 | 11.1 | 18.2 | 210 | 250 | 12 |
| 521-6919 | 5C x 1.0 | 7/0.44 | 1.32 | 0.5 | 1.2 | 13.0 | 18.2 | 215 | 250 | 10 |
| 521-6920 | 7C x 1.0 | 7/0.44 | 1.32 | 0.5 | 1.3 | 15.5 | 18.2 | 379 | 250 | 10 |
| 521-6921 | 14C x 1.0 | 7/0.44 | 1.32 | 0.5 | 1.4 | 19.6 | 18.2 | 600 | 250 | 9 |
| 521-6922 | 18C x 1.0 | 7/0.44 | 1.32 | 0.5 | 1.5 | 22.2 | 18.2 | 750 | 250 | 8 |

