

# Type **HTCS** class C (250 °C)



- Conductor made of bare copper, nickel plated copper or nickel
- P.T.F.E. tape
- Fibreglass spiral
- Fibreglass spiral impregnated with silicone rubber
- Fibreglass braid impregnated with silicone rubber

Sections

**1,50 1,75 2,00  
2,50**



- Conductor made of bare copper, nickel plated copper or nickel
- P.T.F.E. tape
- Fibreglass spiral impregnated with silicone rubber
- Fibreglass spiral impregnated with silicone rubber
- Fibreglass braid impregnated with silicone rubber

Sections

**3,00 4,00 6,00**



- Conductor made of bare copper, nickel plated copper or nickel
- Fibreglass braid
- P.T.F.E. tape
- Fibreglass spiral impregnated with silicone rubber
- Fibreglass braid impregnated with silicone rubber

Sections

**8,00 10,00  
16,00 25,00**

- Temperature range +250 °C – 60 °C
- Temperature over short period +280 °C
- Working voltage 300/500 V
- Test voltage 2000 V
- Maximum intensity of conductor made of bare copper 150 °C
- Maximum intensity of conductor made of nickel plated copper 130 micron 350 °C
- Maximum intensity of conductor made of 99,20% nickel 600 °C
- Resistance to flame excellent
- Impermeability good
- Standard colouring of cable with conductor made of bare copper white with black stripes
- Standard colouring of cable with conductor made of nickel plated copper white with blu stripes
- Standard colouring of cable with conductor made of nickel white with green stripes
- On request this cable can be white with yellow, red,yellow/green,brown stripes or completely white .

| Nominal section | Bare copper stranding | Nickel plated copper stranding | Nickel stranding | Outer diameter |                      |        | Tolerance |
|-----------------|-----------------------|--------------------------------|------------------|----------------|----------------------|--------|-----------|
|                 |                       |                                |                  | Bare copper    | Nickel plated copper | Nickel |           |
| 1.50            | 30 x 0.25             | 30 x 0.25 0 21 x 0.30          | 21 x 0.30        | 2.8            | 2.8                  | 2.8    | ± 0.20    |
| 1.75            | -----                 | -----                          | 25 x 0.30        | -----          | -----                | 3.1    |           |
| 2.00            | -----                 | 28 x 0.30                      | 28 x 0.30        | -----          | 3.1                  | 3.0    |           |
| 2.50            | 50 x 0.25             | 50 x 0.25 0 20 x 0.40          | 20 x 0.40        | 3.2            | 3.3                  | 3.3    |           |
| 3.00            | -----                 | 24 x 0.40                      | 24 x 0.40        | -----          | 3.9                  | 3.9    |           |
| 4.00            | 56 x 0.30             | 56 x 0.30 0 32 x 0.40          | 32 x 0.40        | 4.4            | 4.4                  | 4.4    |           |
| 6.00            | 84 x 0.30             | 84 x 0.30 0 48 x 0.40          | 48 x 0.40        | 4.8            | 5.0                  | 5.0    | ± 0.30    |
| 8.00            | -----                 | 64 x 0.40                      | 64 x 0.40        | -----          | 6.1                  | 6.1    |           |
| 10.0            | 80 x 0.40             | 80 x 0.40                      | 80 x 0.40        | 6.6            | 6.4                  | 6.5    |           |
| 16.0            | 128 x 0.40            | 128 x 0.40                     | 128 x 0.40       | 7.1            | 8.1                  | 8.2    |           |
| 25.0            | 200 x 0.40            | 200 x 0.40                     | 200 x 0.40       | 8.8            | 8.9                  | 9.8    |           |