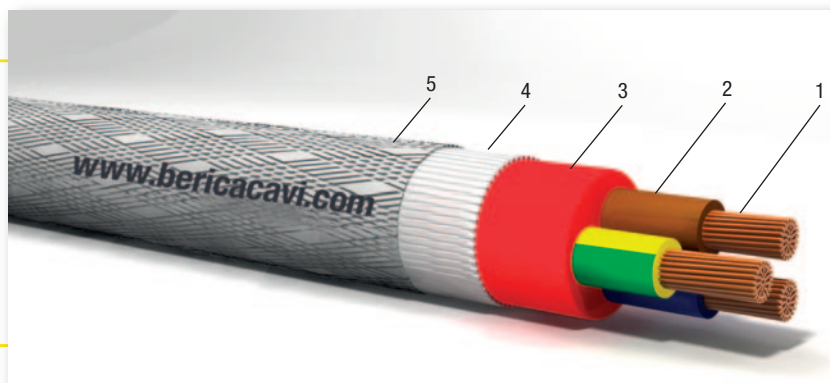


**High temperature cables with silicone rubber insulation and sheath, glass-fibre tape, steel wire braid armour, halogen free.**

1. Conductor
2. Insulation
3. Sheath
4. Flame protection
5. Armour



**APPLICATION:** Suitable to power supplying electrical equipment located in metallurgical industries, glass industries, airports, and for any use which provides for hard conditions regarding the implementation and work environment.

**INSTALLATION:** For fixed indoor and outdoor installation. Direct and indirect burial permitted.

| FEATURES                           | DESCRIPTION                                                              | STANDARDS                          |
|------------------------------------|--------------------------------------------------------------------------|------------------------------------|
| Conductors :                       | annealed red or tinned copper cl.5                                       | CEI EN 60228 (Tab. 9)              |
| Insulation :                       | silicone rubber                                                          |                                    |
| Cores colour :                     |                                                                          | CEI UNEL 00722 - HD 308            |
| Sheath :                           | silicone rubber                                                          |                                    |
| Sheath colour :                    | brick red                                                                |                                    |
| Flame protection :                 | glass-fibre tape                                                         |                                    |
| Armour:                            | braid of galvanized steel                                                |                                    |
| Flame retardant:                   |                                                                          | CEI EN 60332-1-2                   |
| Halogen free :                     | (< 0,5 mg/g - 0,5%)                                                      | CEI EN 50267-2-1/2 - IEC 60754-1/2 |
| DC resistance :                    | according to                                                             | CEI EN 60228 (Tab. 9)              |
| Rated voltage Uo/U:                | 300/500 V                                                                |                                    |
| Max voltage :                      | 550 V                                                                    |                                    |
| Testing voltage :                  | 2000 V                                                                   |                                    |
| Max working temperature :          | 180 °C                                                                   |                                    |
| Short-circuit temperature :        | 350 °C                                                                   |                                    |
| Min. installation temperature :    | -40 °C                                                                   |                                    |
| Bending radius :                   | Ø x 6                                                                    |                                    |
| Max standard twisting (2x cable) : | ≥ 10 twist/meter                                                         |                                    |
| Printing :                         | BERICA CAVI S.P.A. ITALY SIHF/GL/P - FG4G4T1A 300/500 V CE Year/Lot Type |                                    |

| TYPE<br>N° x mm² | MEDIUM Ø OUTER<br>mm | MEDIUM WEIGHT<br>kg/km | PRODUCT CODE | TYPE<br>N° x mm² | MEDIUM Ø OUTER<br>mm | MEDIUM WEIGHT<br>kg/km | PRODUCT CODE |
|------------------|----------------------|------------------------|--------------|------------------|----------------------|------------------------|--------------|
| 2x0.75           | 7,9                  | 92                     | B2902075     | 7G1.50           | 12,0                 | 255                    | B2907150     |
| 3G0.75           | 8,3                  | 105                    | B2903075     | 2x2.50           | 10,9                 | 173                    | B2902250     |
| 4G0.75           | 9,3                  | 132                    | B2904075     | 3G2.50           | 11,4                 | 211                    | B2903250     |
| 5G0.75           | 9,9                  | 162                    | B2905075     | 4G2.50           | 12,3                 | 285                    | B2904250     |
| 6G0.75           | 10,7                 | 171                    | B2906075     | 5G2.50           | 13,3                 | 324                    | B2905250     |
| 7G0.75           | 10,7                 | 186                    | B2907075     | 6G2.50           | 14,4                 | 357                    | B2906250     |
| 2x1.00           | 8,2                  | 103                    | B2902100     | 7G2.50           | 14,4                 | 390                    | B2907250     |
| 3G1.00           | 9,0                  | 124                    | B2903100     | 2x4              | 12,5                 | 285                    | B2902400     |
| 4G1.00           | 9,6                  | 146                    | B2904100     | 3G4              | 13,1                 | 310                    | B2903400     |
| 5G1.00           | 10,4                 | 171                    | B2905100     | 4G4              | 14,8                 | 383                    | B2904400     |
| 6G1.00           | 11,1                 | 195                    | B2906100     | 5G4              | 16,1                 | 460                    | B2905400     |
| 7G1.00           | 11,1                 | 210                    | B2907100     | 6G4              | 18,0                 | 520                    | B2906400     |
| 2x1.50           | 9,2                  | 131                    | B2902150     | 7G4              | 18,0                 | 600                    | B2907400     |
| 3G1.50           | 9,6                  | 150                    | B2903150     | 2x6              | 14,2                 | 360                    | B2902600     |
| 4G1.50           | 10,3                 | 182                    | B2904150     | 3G6              | 14,9                 | 448                    | B2903600     |
| 5G1.50           | 11,2                 | 211                    | B2905150     | 4G6              | 16,8                 | 520                    | B2904600     |
| 6G1.50           | 12,0                 | 240                    | B2906150     | 5G6              | 18,2                 | 664                    | B2905600     |