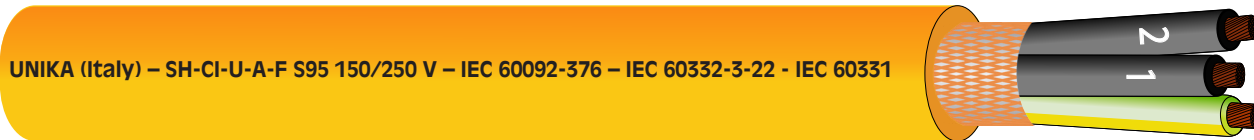


# SH-CI-U-A-F S95

Cavi controllo e strumentazione, non schermati, armati, resistenti al fuoco 150/250V  
Control and instrumentation, unscreened, armoured, fire resisting shipboard cables rated 150V/250V



UNIKA (Italy) – SH-CI-U-A-F S95 150/250 V – IEC 60092-376 – IEC 60332-3-22 - IEC 60331

FS Cables - The UK's Exclusive Distributor of Shipboard Cables Manufactured by UNIKA ITALY

|  | Dati tecnici   | Technical data   |
|--|--|--|
| <b>Conduttore<br/>Conductor</b>  | Rame rosso (opzionale stagnato) classe 5 in accordo alla IEC 60228   | Bare (optional tinned copper) class 5 according to IEC 60228   |
| <b>Isolamento<br/>Insulation</b>   | Miscela di silicone S95 in accordo alla IEC 60092-360<br>Spessori in accordo alla IEC 60092-353  | Silicon compound S95 according to IEC 60092-360<br>Thickness according to IEC 60092-353  |
| <b>Identificazione anime<br/>(preferenziale)<br/>Core identification<br/>(preferential)</b>          | Nere con numerazione<br>1, 2, 3, ... con o senza giallo verde  | Black with numbers<br>1, 2, 3, ... with or without green/yellow  |
| <b>Armatura<br/>Armouring</b>  | Treccia di rame rosso (su richiesta in rame stagnato o acciaio zincato).<br>Copertura minimo 90%   | Bare copper (upon request tinned copper or galvanized steel wire braid)<br>Minimum coverage 90%  |
| <b>Guaina esterna<br/>Outer sheath</b>   | SHF1 compound in accordo alla IEC 60092-360<br>Spessori in accordo alla IEC 60092-376<br>Colore: arancio (o altri colori concordati)<br>Diametro esterno in accordo a IEC 60092-350 annesso D  | SHF1 compound according to IEC 60092-360<br>Thickness according to IEC 60092-376<br>Colour: orange (or other colour agreed)<br>Outer diameter according to IEC 60092-350 annex D   |
| <b>Marcatura<br/>Marking</b>   | Diametro cavo > 20 mm:<br>UNIKA (Italy) – SH-CI-U-A-F S95 150/250 V<br>90°C (nr anime) x (nr unità) x (sezione) –<br>IEC 60092-376 – IEC 60332-3-22 – IEC<br>60331-21 – IEC 60331-1 – traceability code<br><br>Diametro cavo ≤ 20 mm:<br>UNIKA (Italy) – SH-CI-U-A-F S95 150/250 V<br>90°C (nr anime) x (nr unità) x (sezione) –<br>IEC 60092-376 – IEC 60332-3-22 – IEC<br>60331-21 – IEC 60331-2 – traceability code | Cable diameter > 20mm:<br>UNIKA (Italy) – SH-CI-U-A-F S95 150/250 V<br>90°C (n° cores) x (n° units) x (cross-section) –<br>IEC 60092-376 – IEC 60332-3-22 – IEC<br>60331-21 – IEC 60331-1 – traceability code<br><br>Cable diameter ≤ 20mm:<br>UNIKA (Italy) – SH-CI-U-A-F S95 150/250 V<br>90°C (n° cores) x (n° units) x (cross-section) –<br>IEC 60092-376 – IEC 60332-3-22 – IEC<br>60331-21 – IEC 60331-2 – traceability code |
| <b>Temperatura per<br/>posa fissa<br/>Rated conductor<br/>temperature for fixed<br/>installation</b> | 90°C   | 90°C   |
| <b>Temperatura minima<br/>d'installazione<br/>Minimum installation<br/>temperature</b>               | -15 °C   | -15 °C   |
| <b>Raggio minimo di curvatura<br/>Minimum bending radius</b>   | 6D: D is the overall diametero   | 6D: D is the overall diameter  |
| <b>Comportamento al fuoco<br/>Fire behaviour</b>   | IEC 60332-3-22 non propagante il fuoco<br>IEC 60332-1-2 non propagante la fiamma<br>IEC 60331-21, IEC 60331-1 (2) resistente<br>al fuoco<br>IEC 60754-1 assenza di alogeni<br>IEC 60754-2 acidità dei fumi<br>IEC 60684-2 contenuto di fluoro<br>IEC 61034 densità dei fumi  | IEC 60332-3-22 not fire propagation<br>IEC 60332-1-2 not flame propagation<br>IEC 60331-21, IEC 60331-1 (2) fire<br>resistant<br>IEC 60754-1 halogen content<br>IEC 60754-2 pH and conductivity<br>IEC 60684-2 fluorine content<br>IEC 61034 smoke emission  |

| codice code   | numero conduttori x sezione conductor number x cross-section [n x mm <sup>2</sup> ] | diametro esterno overall diameter [mm] | massa Cu Cu mass [kg/km] | massa cavo cable mass [kg/km] |
|---------------|---|--|--------------------------|-------------------------------|
| <b>NM024S</b> | 2x0,50  | 7,2                                    | 41                       | 86                            |
| <b>NM034S</b> | 3x0,50  | 7,6                                    | 48                       | 100                           |
| <b>NM044S</b> | 4x0,50  | 8,1                                    | 57                       | 118                           |
| <b>NM074S</b> | 7x0,50  | 9,5                                    | 80                       | 163                           |
| <b>NM104S</b> | 10x0,50   | 11,8                                   | 108                      | 219                           |
| <b>NM144S</b> | 14x0,50   | 12,7                                   | 133                      | 273                           |
| <b>NM194S</b> | 19x0,50   | 14,5                                   | 205                      | 380                           |
| <b>NM244S</b> | 24x0,50   | 16,8                                   | 250                      | 461                           |
| <b>NM304S</b> | 30x0,50   | 17,7                                   | 288                      | 541                           |
| <b>NM374S</b> | 37x0,50   | 18,9                                   | 334                      | 633                           |
| <b>NM025S</b> | 2x0,75  | 7,8                                    | 50                       | 75                            |
| <b>NM035S</b> | 3x0,75  | 8,2                                    | 60                       | 122                           |
| <b>NM045S</b> | 4x0,75  | 9,0                                    | 71                       | 141                           |
| <b>NM075S</b> | 7x0,75  | 10,4                                   | 103                      | 206                           |
| <b>NM105S</b> | 10x0,75   | 13,0                                   | 141                      | 285                           |
| <b>NM145S</b> | 14x0,75   | 14,6                                   | 215                      | 397                           |
| <b>NM195S</b> | 19x0,75   | 16,0                                   | 266                      | 485                           |
| <b>NM245S</b> | 24x0,75   | 18,6                                   | 326                      | 602                           |
| <b>NM305S</b> | 30x0,75   | 19,8                                   | 380                      | 706                           |
| <b>NM375S</b> | 37x0,75   | 21,2                                   | 444                      | 837                           |

| codice code   | numero conduttori x sezione conductor number x cross-section [n x mm <sup>2</sup> ] | diametro esterno overall diameter [mm] | massa Cu Cu mass [kg/km] | massa cavo cable mass [kg/km] |
|---------------|---|--|--------------------------|-------------------------------|
| <b>NM026S</b> | 2x1   | 7,6                                    | 56                       | 112                           |
| <b>NM036S</b> | 3x1   | 8,0                                    | 69                       | 133                           |
| <b>NM046S</b> | 4x1   | 8,8                                    | 83                       | 157                           |
| <b>NM076S</b> | 7x1   | 10,1                                   | 124                      | 231                           |
| <b>NM106S</b> | 10x1  | 12,6                                   | 171                      | 361                           |
| <b>NM146S</b> | 14x1  | 14,2                                   | 258                      | 446                           |
| <b>NM196S</b> | 19x1  | 15,5                                   | 325                      | 560                           |
| <b>NM246S</b> | 24x1  | 18,0                                   | 401                      | 688                           |
| <b>NM306S</b> | 30x1  | 19,0                                   | 474                      | 814                           |
| <b>NM376S</b> | 37x1  | 20,5                                   | 562                      | 961                           |