





S101 RFOU / Multipairs

(S1/S5) EPR insulated, SHF2 MUD sheathed, individually screened LSZH multipairs to NEK TS 606
Intended for use in offshore installations for control, instrumentation and telecommunication
150/250 V AC

| Order reference | | Cores | | | | Finished cable | | | Electrical | |
|---------------------------|----------------|--------------|-------------------------|-------|------------|-----------------|----------|---------|-----------------------|---------------------------------------|
| Description | Article Number | No. of cores | Tin Plated Copper (TPC) | | EPR | TPC braid | SHF2 MUD | Weight | DC resistance at 20°C | DC current rating in free air at 45°C |
| | | | Conductor size | | Insulation | Armour / shield | Sheath/s | | | |
| | | Lay up | mm ² (AWG) | Nom Ø | Nom Ø | Nom Ø | Nom Ø | Nom g/m | Max Ω/km | Amps * |
| S101 RFOU (i)M 1x2x 0,75 | 970010075Nc | 1x2 | 0.75 | 1.10 | 2.30 | 7.8 | 10.0 | TBC | 28.3 | N/A |
| S101 RFOU (i)M 1x2x 1,5 | 970010150Nc | | 1.50 | 1.53 | 2.90 | 9.0 | 11.3 | TBC | 14.5 | N/A |
| S101 RFOU (i)M 2x2,5 | 970010250Nc | | 2.50 | 1.95 | 3.35 | 9.9 | 12.3 | TBC | 8.71 | N/A |
| S101 RFOU (i)M 2x2x 0,75 | 970020075Nc | 2x2 | 0.75 | 1.10 | 2.30 | 12.1 | 14.7 | TBC | 28.3 | N/A |
| S101 RFOU (i)M 2x2x 1,5 | 970020150Nc | | 1.50 | 1.53 | 2.90 | 14.3 | 17.0 | TBC | 14.5 | N/A |
| S101 RFOU (i)M 2x2x 2,5 | 970020250Nc | | 2.50 | 1.95 | 3.35 | 15.9 | 18.8 | TBC | 8.71 | N/A |
| S101 RFOU (i)M 4x2x 0,75 | 970040075Nc | 4x2 | 0.75 | 1.10 | 2.30 | 13.9 | 16.7 | TBC | 28.3 | N/A |
| S101 RFOU (i)M 4x2x 1,5 | 970040150Nc | | 1.50 | 1.53 | 2.90 | 16.5 | 19.4 | TBC | 14.5 | N/A |
| S101 RFOU (i)M 4x2x 2,5 | 970040250Nc | | 2.50 | 1.95 | 3.35 | 18.5 | 21.5 | TBC | 8.71 | N/A |
| S101 RFOU (i)M 6x2x 0,75 | 970060075Nc | 6x2 | 0.75 | 1.10 | 2.30 | 16.3 | 19.3 | TBC | 28.3 | N/A |
| S101 RFOU (i)M 8x2x 0,75 | 970080075Nc | 8x2 | 0.75 | 1.10 | 2.30 | 18.4 | 21.4 | TBC | 28.3 | N/A |
| S101 RFOU (i)M 8x2x 1,5 | 970080150Nc | | 1.50 | 1.53 | 2.90 | 22.0 | 25.4 | TBC | 14.5 | N/A |
| S101 RFOU (i)M 12x2x 0,75 | 970120075Nc | 12x2 | 0.75 | 1.10 | 2.30 | 21.3 | 24.7 | TBC | 28.3 | N/A |
| S101 RFOU (i)M 12x2x 1,5 | 970120150Nc | | 1.50 | 1.53 | 2.90 | 25.8 | 29.5 | TBC | 14.5 | N/A |
| S101 RFOU (i)M 16x2x 0,75 | 970160075Nc | 16x2 | 0.75 | 1.10 | 2.30 | 23.8 | 27.2 | TBC | 28.3 | N/A |
| S101 RFOU (i)M 16x2x 1,5 | 970160150Nc | | 1.50 | 1.53 | 2.90 | 28.8 | 32.6 | TBC | 14.5 | N/A |
| S101 RFOU (i)M 19x2x 0,75 | 970190075Nc | 19x2 | 0.75 | 1.10 | 2.30 | 25.0 | 28.6 | TBC | 28.3 | N/A |
| S101 RFOU (i)M 19x2x 1,5 | 970190150Nc | | 1.50 | 1.53 | 2.90 | 30.8 | 34.8 | TBC | 14.5 | N/A |
| S101 RFOU (i)M 24x2x 0,75 | 970240075Nc | 24x2 | 0.75 | 1.10 | 2.30 | 29.6 | 33.6 | TBC | 28.3 | N/A |
| S101 RFOU (i)M 24x2x 1,5 | 970240150Nc | | 1.50 | 1.53 | 2.90 | 36.5 | 41.0 | TBC | 14.5 | N/A |
| S101 RFOU (i)M 32x2x 0,75 | 970320075Nc | 32x2 | 0.75 | 1.10 | 2.30 | 33.1 | 37.3 | TBC | 28.3 | N/A |
| S101 RFOU (i)M 32x2x 1,5 | 970320150Nc | | 1.50 | 1.53 | 2.90 | 40.6 | 45.4 | TBC | 14.5 | N/A |

| Cable identification | |
|----------------------|--|
| Cores | 1 st Black, 2 nd Light Blue, each pair numbered  |
| Sheath | Grey (8) as standard - change 'c' in article number to a number '0-9' to select alternative Red (2) not allowed  |
| Marking | Length - HABIA CABLE AB - Type - M - Volts - No. of parts x CSA - IEC 60332-3-22 - Article - Year-Week - Batchcode |

| Characteristics and key properties | | | | | | | | | | |
|--|---|--------------------------------------|--|--|--|--|--|--|---|----------------------------|
|  |  | RoHS REACH LVD | | | Fluid resistant Fuel Oil MUD Water | | Flame resistant IEC 60332-1-2 IEC 60332-3-22 | Halogen free IEC 60754-1 IEC 60754-2 | Smoke free IEC 61034-2 | MBR Fixed = 6x Ø |
| Approval NEK TS 606 SHF2 MUD | Approval DNV GL IEC 60092-376 | Approval DNV GL NEK TS 606 | | | | | Temp installation -20°C | Temp low -50°C | Temp >20,000 hrs +90°C | |

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