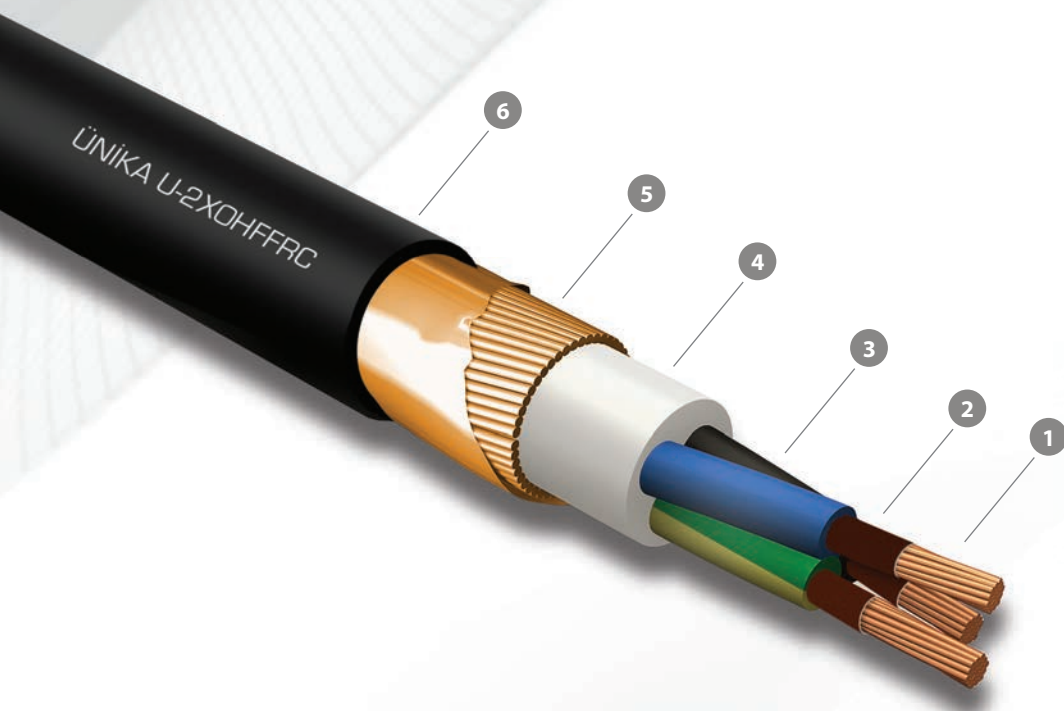


## OIL and GAS ONSHORE POWER CABLES

U-2XOHFFRC / 2XCH FR 0,6/1kV  
 CU/MGT/XLPE/HFFR-F/CUW/LSOH  
 IEC 60502-1



### »» Makeup

- |   |                     |   |
|---|---------------------|---|
| 1 | <b>Conductor</b>    | : Annealed circular stranded or compact copper wires complying with IEC 60228 Class 2 |
| 2 | <b>Mica Tape</b>    | : Helical applied fire resistant tape   |
| 3 | <b>Insulation</b>   | : Cross-linked polyethylene, XLPE in accordance with IEC 60502-1                      |
| 4 | <b>Bedding</b>      | : Halogen-free compound   |
| 5 | <b>Armour</b>       | : Copper wire and copper tape   |
| 6 | <b>Outer Jacket</b> | : Halogen-free compound, ST8 in accordance with IEC 60502-1                           |

### »» Technical Features

**Operating Temperature** : -40/90 °C

**Rated Voltage** : 0,6/1 kV

**Design Guide** : IEC 60502-1

**Halogen Free Properties** : IEC 60754-1 & IEC 60754-2

**Low Smoke Emission** : IEC 61034-1 & IEC 61034-2

**Flame Retardancy** : IEC 60332-1

**Flame Propagation** : EC 60332-3-22 Cat. A

**Fire Endurance** : EC 60331-21

**Cold Bend** : CSA C22.2 No. 0.3-09 ( -40°C )

**Cold Impact** : CSA C22.2 No. 0.3-09 ( -35°C )

### »» Application

Fixed installation for power, control and lighting in safe areas, emergency, critical oil and gas onshore and industrial plants.

## U-2XOHFFRC / 2XCH FR 0,6/1kV CABLE DATA SHEET

Item	Type	Cross-section (mm <sup>2</sup> )	Weight (approx.)	Outer Diameter (approx.)	Max. Conductor Resistance at 20 °C	Max. Current Carrying Capacity Conductor Temperature at 90 °C Ambient Temperature at 45 °C
			(kg/km)	(mm)	(ohm/km)	(A) ( Air )
1.	U-2XOHFFRC- 2XCH FR	2x2,5/2,5	312	15,3	7,41	27
2.		2x10/10	608	19,3	1,83	60
3.		2x25/16	1147	25,5	0,727	108
4.		3x2,5/2,5	348	15,9	7,41	22
5.		3x10/10	709	20,3	1,83	50
6.		3x25/16	1374	26,9	0,727	88
7.		4x2,5/2,5	399	17	7,41	22
8.		4x10/10	846	21,8	1,83	50
9.		4x25/16	1692	29,5	0,727	88