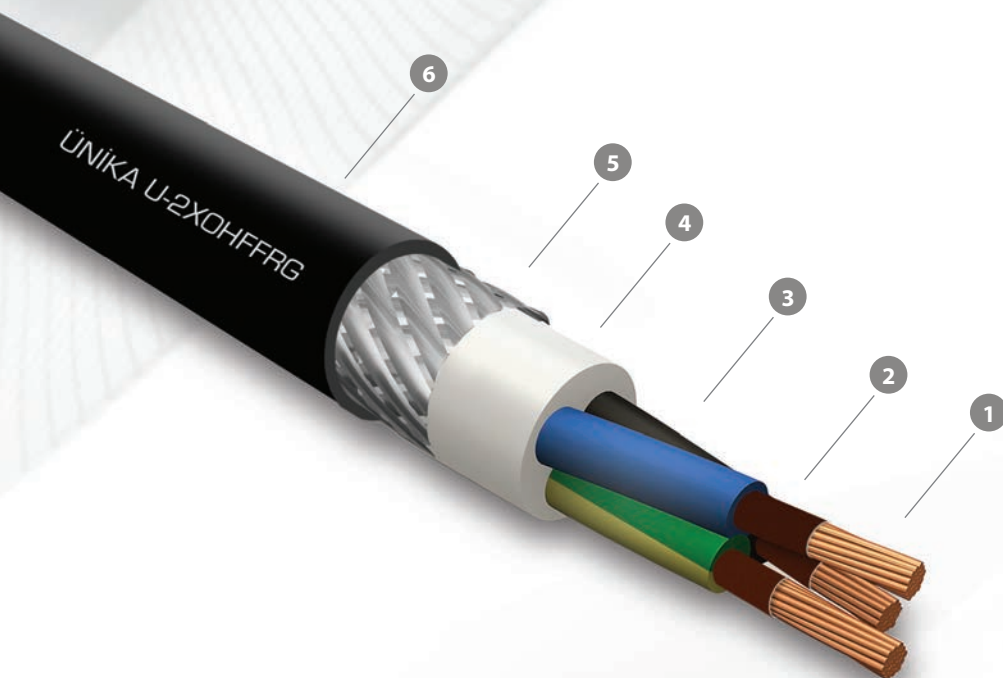


# OIL and GAS ONSHORE POWER CABLES

U-2XOHFFRG / 2XGH FR 0,6/1kV  
 CU/MGT/XLPE/HFFR-F/GSWB/LS0H  
 IEC 60502-1



## »» Makeup

- ① **Conductor** : Annealed circular stranded or compact copper wires complying with IEC 60228 Class 2
- ② **Mica Tape** : Helical applied fire resistant tape
- ③ **Insulation** : Cross-linked polyethylene, XLPE in accordance with IEC 60502-1
- ④ **Bedding** : HFFR extruded compound
- ⑤ **Armour** : Galvanized Steel Wire Braid
- ⑥ **Outer Jacket** : 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-2XOHFFRG / 2XGH-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-2XOHFFRG 2XGH-FR	2 x 2,5	305	14,4	7,41	27
2.		2 x 10	614	18,8	1,83	60
3.		2 x 25	1151	25	0,727	108
4.		3 x 2,5	339	15	7,41	22
5.		3 x 10	720	19,8	1,83	50
6.		3 x 25	1388	26,4	0,727	88
7.		4 x 2,5	424	16,5	7,41	22
8.		4 x 10	868	21,3	1,83	50
9.		4 x 25	1720	29	0,727	88