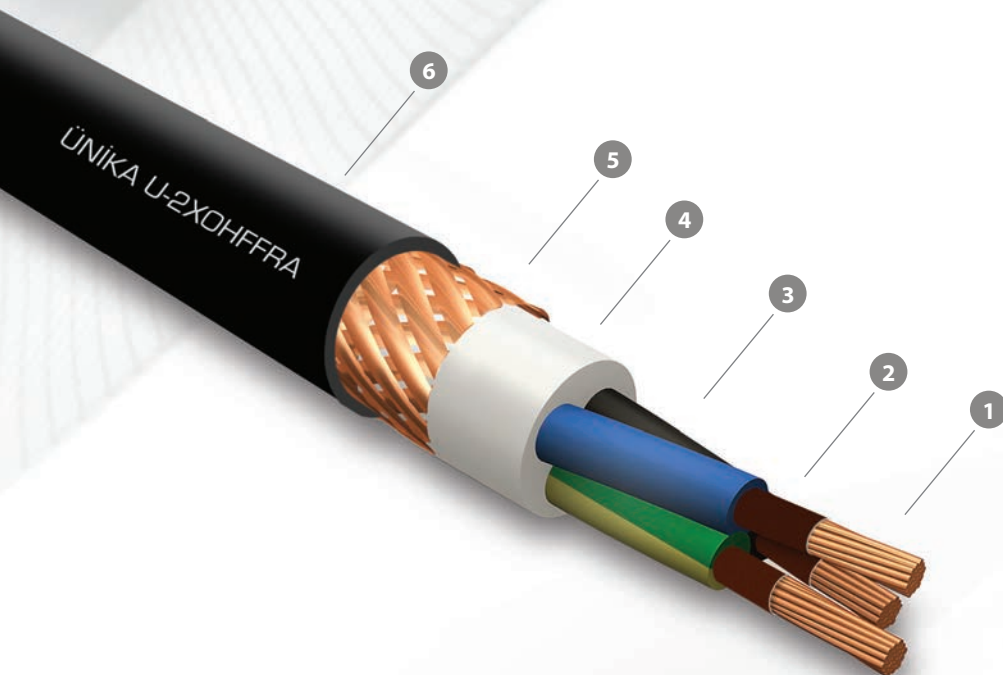


OIL and GAS ONSHORE POWER CABLES

U-2XOHFFRA / 2XAH FR 0,6/1kV
 CU/MGT/XLPE/HFFR-F/CUB/LSOH
 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** : Halogen-free compound
- 5 **Armour** : Bare copper 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-2XOHFFRA / 2XAH FR 0,6/1kV CABLE DATA SHEET

Item	Type	Cross-section (mm ²)	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-2XOHFFRA -2XAH FR	2 x 2,5	311	14,4	7,41	27
2.		2 x 10	627	18,8	1,83	60
3.		2 x 25	1170	25	0,727	108
4.		3 x 2,5	346	15	7,41	22
5.		3 x 10	734	19,8	1,83	50
6.		3 x 25	1408	26,4	0,727	88
7.		4 x 2,5	435	16,5	7,41	22
8.		4 x 10	884	21,3	1,83	50
9.		4 x 25	1742	29	0,727	88