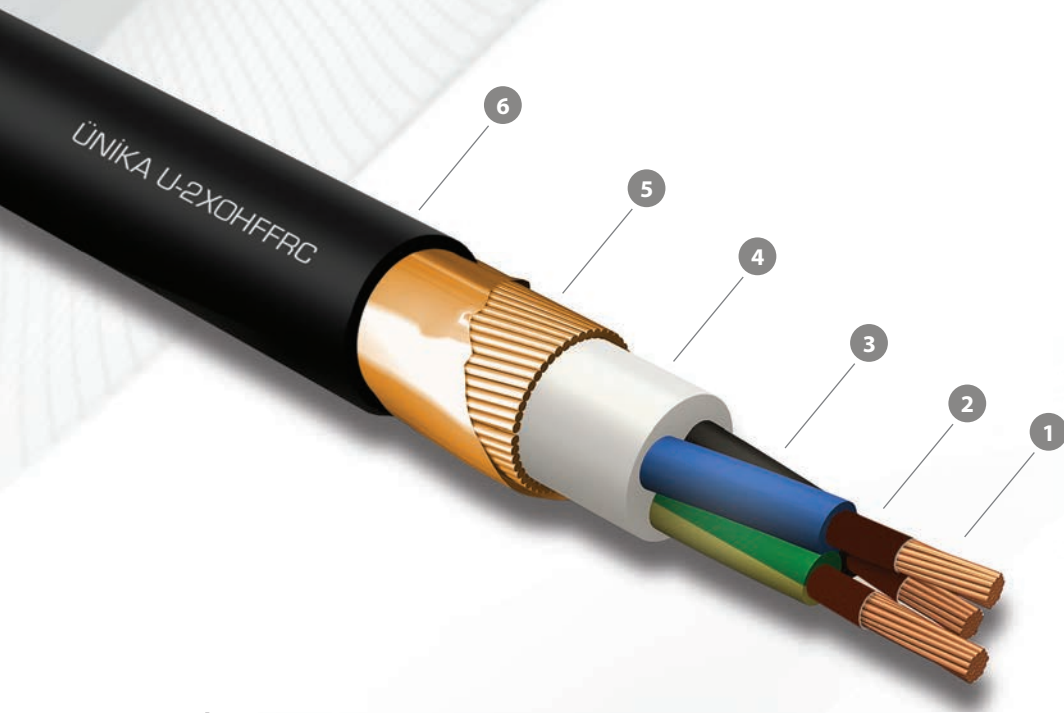


U-2XOHFFRC / 2XCH FR 0,6/1kV
 CU/MGT/XLPE/HFFR-F/CUW/LSOH
 IEC 60502-1



»» 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** : Copper wire and copper tape
- 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-2XOHFFRC / 2XCH 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-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