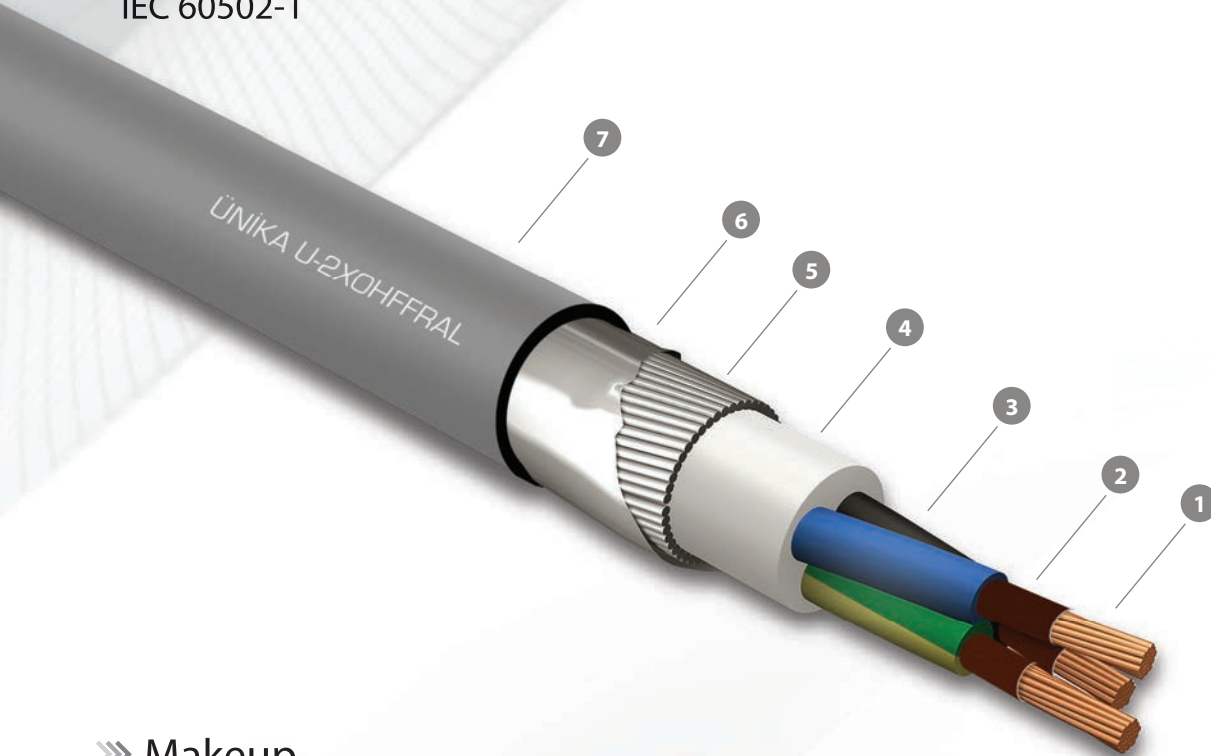


U-2XOHFFRAL / 2XR(A)H FR 0,6/1kV
 CU/MGT/XLPE/HFFR-F/AWA/LSOH
 IEC 60502-1



»» 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 | : Aluminium wire in accordance with IEC 60502-1 |
| 6 | Tape | : Polyester or aluminium wrapping tape |
| 7 | 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-2XOHFFRAL / 2XR(A)H 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	
			Nom.	(kg/km)	(kg/km)	(ohm/km)	(A) (Air)			
1.	U-2XOHFFRAL- 2XR(A)H FR	2 x 2,5	318	15,2	7,41	27				
2.		2 x 10	645	20,1	1,83	60				
3.		2 x 25	1280	27,6	0,727	108				
4.		3 x 2,5	399	16,7	7,41	22				
5.		3 x 10	757	21,1	1,83	50				
6.		3 x 25	1544	29,2	0,727	88				
7.		4 x 2,5	459	17,8	7,41	22				
8.		4 x 10	988	23,9	1,83	50				
9.		4 x 25	1887	31,8	0,727	88				