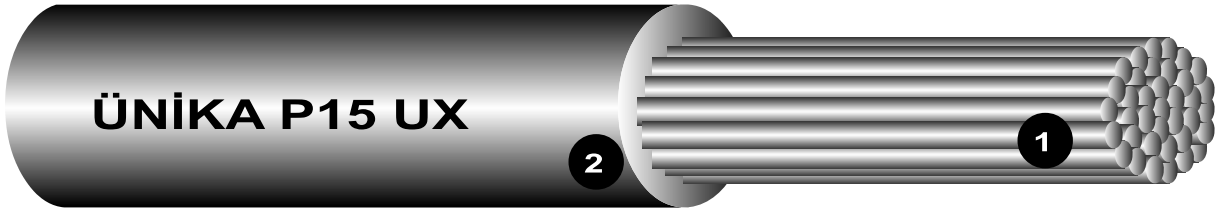


## OFFSHORE CABLES

### P15 UX

#### NEK TS 606

Halogen Free, Flame Retardant, Low Smoke



#### MAKE UP

1. Conductor : Tinned stranded copper in accordance with IEC 60228 Class 2
2. Insulation : Halogen free SHF2 compound in accordance with IEC 60092-359

Max. Operating Temperature : 90 °C  
Max. Installation Temperature : -15 °C  
Max. Storage Temperature : -40 °C  
Rated Voltage : 0,6/1 kV

Design Guideline : NEK TS 606  
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 : IEC 60332-3-22 Cat. A

**Application** : Fixed installation for power, control and lighting in both and safe areas, emergency and critical offshore , marine applications.

### TECHNICAL DATA SHEET

Item	Type	Cross-section ( mm <sup>2</sup> )	Weight (approx.) ( kg/km )	Outer Diameter (approx.) ( mm )	MCDR at 20 °C ( Ω/km )	MCCC CT at 90 °C AT at 45 °C ( A )
1.	P15 UX	1 x 1	20	3,3	18,2	18
2.		1 x 1,5	26	3,6	12,2	23
3.		1 x 2,5	36	4,0	7,56	30
4.		1 x 4	52	4,6	4,7	40
5.		1 x 6	72	5,1	3,11	52
6.		1 x 10	112	6,1	1,84	72
7.		1 x 16	168	7,1	1,16	96
8.		1 x 25	262	8,7	0,734	127
9.						
10.						
11.						
12.						
13.						
14.						
15.						
16.						
17.						
18.						
19.						
20.						
21.						
22.						
23.						
24.						
25.						
26.						
27.						
28.						
29.						
30.						
31.						
32.						
33.						
34.						
35.						
36.						
37.						
38.						

**MCCC:** Maximum Current Carrying Capacity

**CT:** Conductor Temperature

**AT:** Ambient Temperature

**MCDR:** Max. Conductor Dc Resistance