

## OFFSHORE CABLES

### U-8RW4GT (I)

CU/EPR/IS/SW4/GSWB/SW4

BS 6883 / Halogen Free, Flame Retardant, Low Smoke.



#### »» Construction

- |   |                     |   |
|---|---------------------|---|
| 1 | <b>Conductor</b>    | : Tinned stranded copper in accordance with IEC 60228 CL2, CL5        |
| 2 | <b>Insulation</b>   | : Ethylene Propylene Rubber (EPR), GP4 in accordance with BS 7655-1.2 |
| 3 | <b>Tape</b>         | : Polyester tape  |
| 4 | <b>Wire</b>         | : Tinned copper drain wire  |
| 5 | <b>Tape</b>         | : Metal coated polyester tape   |
| 6 | <b>Tape</b>         | : Polyester tape  |
| 7 | <b>Inner Jacket</b> | : Halogen free extruded compound, SW4 in accordance with BS 7655-2.6  |
| 8 | <b>Armour</b>       | : Steel wire braid in accordance with BS 6883                         |
| 9 | <b>Outer Jacket</b> | : Halogen free extruded compound, SW4 in accordance with BS 7655-2.6  |

#### »» Technical Features

- |  |                             |
|--|-----------------------------|
| <b>Max. Operating Temperature</b>          | : 90 °C                     |
| <b>Rated Voltage</b>                       | : 250 V                     |
| <b>Design Guidelines</b>                   | : BS 6883                   |
| <b>Halogen Free Properties</b>             | : IEC 60754-1 & IEC 60754-2 |
| <b>Low Smoke Emission Flame</b>            | : IEC 61034-1 & IEC 61034-2 |
| <b>Low Smoke Emission Flame Retardancy</b> | : IEC 60332-1               |
| <b>Flame Propagation</b>                   | : IEC 60332-3-22 Cat. A     |

#### »» Marking

ÜNİKA (yy) U-8RW4GT (1) CU/EPR/IS/SW4/GSWB/SW4 (..)x(..) mm<sup>2</sup> 250 V BS 6883:1999 & IEC 60332-3-22 Cat. A XX MT

#### »» Application

Used in ship and sea vehicles for telecommunication and signal applications, screened against electromagnetic interferences.

## U-8RW4GT (I) TECHNICAL DATA SHEET

Item	TYPE	Cross-section (mm <sup>2</sup> )	UKOOA	Weight (approx.) (kg/km)	Outer Diameter (approx.) (mm)	MCDR at 20 °C (Ω/km)	Inductance (approx.) (mH/km)	Capacitance (approx.) (nF/km)	L/R ratio (μH/Ω)	Rated Voltage (V)	MCCC CT at 90 °C AT at 45 °C (A)
1.		1 x 2 x 0,75	KHF00	216	11,7	24,8	0,74	92	30		13
2.		3 x 2 x 0,75	KHH00	464	17,9	24,8	0,74	92	30		8
3.		7 x 2 x 0,75	KHJ00	812	22,9	24,8	0,74	92	30		7
4.		12 x 2 x 0,75	KHK00	1275	29,6	24,8	0,74	92	30		7
5.		20 x 2 x 0,75	KHL00	2078	37,2	24,8	0,74	92	30		5
6.		27 x 2 x 0,75	KHM00	2654	42,2	24,8	0,74	92	30		5
7.		37 x 2 x 0,75	KHN00	3422	47,2	24,8	0,74	92	30		5
8.		1 x 2 x 1	KHF01	235	12,0	18,2	0,75	107	41		15
9.		3 x 2 x 1	KHH01	521	18,7	18,2	0,75	107	41		10
10.		7 x 2 x 1	KHJ01	911	23,9	18,2	0,75	107	41		9
11.		12 x 2 x 1	KHK01	1575	31,9	18,2	0,75	107	41		9
12.		20 x 2 x 1	KHL01	2370	39,1	18,2	0,75	107	41		6
13.		27 x 2 x 1	KHM01	3060	44,5	18,2	0,75	107	41		6
14.	U-8RW4GT (I)	37 x 2 x 1	KHN01	3957	49,9	18,2	0,75	107	41	250	6
15.		1 x 3 x 0,75	KHR00	235	12,1	24,8	0,74	92	30		11
16.		3 x 3 x 0,75	KHS00	544	19,7	24,8	0,74	92	30		7
17.		7 x 3 x 0,75	KHT00	955	25,4	24,8	0,74	92	30		7
18.		12 x 3 x 0,75	KHU00	1626	33,7	24,8	0,74	92	30		5
19.		1 x 3 x 1	KHR01	263	12,7	18,2	0,75	107	41		13
20.		3 x 3 x 1	KHS01	602	20,5	18,2	0,75	107	41		9
21.		7 x 3 x 1	KHT01	1075	26,5	18,2	0,75	107	41		9
22.		12 x 3 x 1	KHU01	1850	35,4	18,2	0,75	107	41		6
23.		1 x 4 x 0,75	KHX00	269	13,0	24,8	0,92	65	37		11
24.		3 x 4 x 0,75	KHY00	647	22,3	24,8	0,92	65	37		7
25.		7 x 4 x 0,75	KHZ00	1142	28,8	24,8	0,92	65	37		6
26.		1 x 4 x 1	KHX01	292	13,5	18,2	0,97	76	53		13
27.		3 x 4 x 1	KHY01	724	23,4	18,2	0,97	76	53		9
28.		7 x 4 x 1	KHZ01	1405	30,9	18,2	0,97	76	53		8

MCCC: maximum Current Carrying Capacity / CT: Conductor Temperature / AT: Ambient Temperature / MCDR: Max. Conductor Dc Resistance