

U-8RW4GT (C)

CU/EPR/OS/SW4/GSWB/SW4

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



»» Construction

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

»» Technical Features

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

»» Marking

ÜNİKA (yy) U-8RW4GT (C) CU/EPR/OS/SW4/GSWB/SW4 (..)x(..) mm² 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 (C) TECHNICAL DATA SHEET

Item	TYPE	UKOOA	Cross-section (mm ²)	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.		KGH00	3 x 2 x 0,75	440	17,1	24,8	0,74	92	30		8
2.		KGJ00	7 x 2 x 0,75	726	21,2	24,8	0,74	92	30		7
3.		KGK00	12 x 2 x 0,75	1112	26,9	24,8	0,74	92	30		7
4.		KGL00	20 x 2 x 0,75	1792	33,6	24,8	0,74	92	30		5
5.		KGM00	27 x 2 x 0,75	2280	38,0	24,8	0,74	92	30		5
6.		KGN00	37 x 2 x 0,75	2916	42,4	24,8	0,74	92	30		5
7.		KGH01	3 x 2 x 1	484	17,7	18,2	0,75	107	41		10
8.		KGJ01	7 x 2 x 1	831	22,5	18,2	0,75	107	41		9
9.	U-8RW4GT (C)	KGK01	12 x 2 x 1	1260	28,4	18,2	0,75	107	41	250	9
10.		KGL01	20 x 2 x 1	2029	35,4	18,2	0,75	107	41		6
11.		KGM01	27 x 2 x 1	2592	40,1	18,2	0,75	107	41		6
12.		KGN01	37 x 2 x 1	3346	44,8	18,2	0,75	107	41		6
13.		KG500	3 x 3 x 0,75	511	18,7	24,8	0,74	92	30		7
14.		KGT00	7 x 3 x 0,75	913	24,3	24,8	0,74	92	30		7
15.		KGU00	12 x 3 x 0,75	1422	30,6	24,8	0,74	92	30		5
16.		KG501	3 x 3 x 1	583	19,8	18,2	0,75	107	41		9
17.		KGT01	7 x 3 x 1	1059	25,9	18,2	0,75	107	41		9
18.		KGU01	12 x 3 x 1	1631	32,4	18,2	0,75	107	41		6

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