

U-8RW4T (C)

CU/EPR/OS/SW4

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



»» Construction

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|---|---------------------|---|
| 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 | 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-8RW4T (C) CU/EPR/OS/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-8RW4T (C) TECHNICAL DATA SHEET

Item	TYPE	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.		3 x 2 x 0,75	213	12,3	24,8	0,74	92	30		8
2.		7 x 2 x 0,75	442	16,7	24,8	0,74	92	30		7
3.		12 x 2 x 0,75	720	22,0	24,8	0,74	92	30		7
4.		20 x 2 x 0,75	1150	27,5	24,8	0,74	92	30		5
5.		27 x 2 x 0,75	1516	31,5	24,8	0,74	92	30		5
6.		37 x 2 x 0,75	2038	35,6	24,8	0,74	92	30		5
7.		3 x 2 x 1	245	13,0	18,2	0,75	107	41		10
8.		7 x 2 x 1	520	17,8	18,2	0,75	107	41		9
9.	U-8RW4T(C)	12 x 2 x 1	834	23,2	18,2	0,75	107	41	250	9
10.		20 x 2 x 1	1335	19,1	18,2	0,75	107	41		6
11.		27 x 2 x 1	1781	33,5	18,2	0,75	107	41		6
12.		37 x 2 x 1	2394	37,9	18,2	0,75	107	41		6
13.		3 x 3 x 0,75	272	14,3	24,8	0,74	92	30		7
14.		7 x 3 x 0,75	573	19,6	24,8	0,74	92	30		7
15.		12 x 3 x 0,75	870	24,9	24,8	0,74	92	30		5
16.		3 x 3 x 1	321	15,3	18,2	0,75	107	41		9
17.		7 x 3 x 1	683	21,0	18,2	0,75	107	41	9	
18.		12 x 3 x 1	1015	26,3	18,2	0,75	107	41	6	

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