

U-8RW4T (I)

CU/EPR/IS/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 | Tape | : Polyester tape |
| 7 | 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 (I) CU/EPR/IS/SW4 (...)(...) 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 (I) 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.		1 x 2 x 0,75	87	7,8	24,8	0,74	92	30		13
2.		3 x 2 x 0,75	237	13,5	24,8	0,74	92	30		8
3.		7 x 2 x 0,75	494	18,2	24,8	0,74	92	30		7
4.		12 x 2 x 0,75	827	24,5	24,8	0,74	92	30		7
5.		20 x 2 x 0,75	1346	30,9	24,8	0,74	92	30		5
6.		27 x 2 x 0,75	1779	35,4	24,8	0,74	92	30		5
7.		37 x 2 x 0,75	2394	40,1	24,8	0,74	92	30		5
8.		1 x 2 x 1	100	8,1	18,2	0,75	107	41		15
9.		3 x 2 x 1	281	14,4	18,2	0,75	107	41		10
10.		7 x 2 x 1	578	19,2	18,2	0,75	107	41		9
11.		12 x 2 x 1	982	26,0	18,2	0,75	107	41		9
12.		20 x 2 x 1	1582	32,6	18,2	0,75	107	41		6
13.		27 x 2 x 1	2113	37,6	18,2	0,75	107	41		6
14.	U-8RW4T (I)	37 x 2 x 1	2846	42,6	18,2	0,75	107	41	250	6
15.		1 x 3 x 0,75	99	8,2	24,8	0,74	92	30		11
16.		3 x 3 x 0,75	283	15,2	24,8	0,74	92	30		7
17.		7 x 3 x 0,75	588	20,5	24,8	0,74	92	30		7
18.		12 x 3 x 0,75	983	27,6	24,8	0,74	92	30		5
19.		1 x 3 x 1	119	8,8	18,2	0,75	107	41		13
20.		3 x 3 x 1	329	16,0	18,2	0,75	107	41		9
21.		7 x 3 x 1	690	21,6	18,2	0,75	107	41		9
22.		12 x 3 x 1	1171	29,3	18,2	0,75	107	41		6
23.		1 x 4 x 0,75	121	9,1	24,8	0,92	65	37		11
24.		3 x 4 x 0,75	348	17,7	24,8	0,92	65	37		7
25.		7 x 4 x 0,75	718	23,9	24,8	0,92	65	37		6
26.	1 x 4 x 1	139	9,5	18,2	0,97	76	53	13		
27.	3 x 4 x 1	403	18,7	18,2	0,97	76	53	9		
28.	7 x 4 x 1	843	25,2	18,2	0,97	76	53	8		

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