

**STRANDED HARD DRAWN COPPER CONDUCTORS FOR OVERHEAD LINES**

**STRANDED HARD  
DRAWN COPPER  
CONDUCTORS FOR**

<b>Code</b>	Stranded hard drawn copper conductors for Overhead lines
<b>Standarts</b>	TS 3
<b>Construction</b>	Stranded copper conductors are produced by stranding of hard copper wires to obtain maximum tensile strenght in accordance with TS 3 Standart.Each round wire are produce according to the TS 2 standart.
<b>Technical Datas</b>	This conductors is used in Over Head lines.

Dimensions and Weights				Electrical Information	
Nominal Cross section	Number Of Wire/Wire Dia	Overall diameter approx.	Net weight approx.	Conductor DC (maks.) resistance at 20 °C (maks.)	Calculated min. Break Strength
mm <sup>2</sup>		mm	kg/km	ohm/km	kN
10 rm	7/1.32	3,96	85,8	1,915	3,96
16 rm	7/1.70	5,10	142,4	1,154	6,50
25 rm	7/2.12	6,36	221,4	0,742	9,99
35 rm	7/2.50	7,50	308,0	0,534	13,91
50 rm	7/3.00	9,00	443,5	0,369	19,57
50 rm	19/1.80	9,00	436,3	0,384	19,36
70 rm	19/2.12	10,60	605,2	0,275	26,55
95 rm	19/2.50	12,50	841,7	0,198	36,93
120 rm	19/2.80	14,00	1056,0	0,158	45,27
150 rm	37/2.24	15,68	1320,0	0,127	57,73
185 rm	37/2.50	17,50	1644,0	0,102	71,91
240 rm	61/2.24	20,20	2179,0	0,077	95,17
300 rm	61/2.50	22,55	2715,0	0,062	118,56

**HARD DRAWN ELECTROLYTIC COPPER WIRE**

Code : Solid electrolytic copper wire  
 Construction : Hard drawn copper wire is produced in diameter of 1,0-4,0 mm in according to TS 2 standart.  
 Standars : TS2

**SOFT ELECTROLYTIC COPPER WIRE**

Code : Solid electrolytic copper wire  
 Construction : Soft copper wire is produced in diameter of 0,15-4,0 mm are produced according to TS 18 and ASTM B3-1990  
 Standarts : TS 18, ASTM B3-1990

**SOFT ELECTROLYTIC COPPER WIRE**

Code : Soft Stranded Electrolytic Copper Conductor  
 Construction : Soft copper conductor is produced in sizes of 0,5-630 mm<sup>2</sup> in according to TS 6570 HD 383 S2 and IEC 60228  
 Standarts : TS 6570 HD 383 S2, IEC 60228

rm:Stranded conductor