




### CATENARY CHARACTERISTICS

CONSTITUTION OF OVERHEAD SYSTEM FOR SECONDARY LINE					
DESCRIPTION	DESIGNATION	NOMINAL CROSS SECTION	TENSION APPLIED	METHOD OF TENSIONNING	
1 messenger cable	Bz 50	48.35 mm <sup>2</sup>	1000 daN	Auto tensioning	from -33°C to +40°C
1 contact wire	Cu 80	80 mm <sup>2</sup>	1000 daN	Auto tensioning	average temp.: +15°C
1 earthing conductor	95/15 ACSR	105 mm <sup>2</sup>	1000 daN	Fixed tensioning	




### CATENARY CONDUCTIVITY

Description	Conductivity	Copper Standard
1 messenger cable	72%	34.81 mm <sup>2</sup>
1 contact wire	98%	78.40 mm <sup>2</sup>
<b>Total</b>		<b>113.21 mm<sup>2</sup></b>

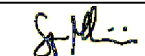
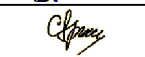






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GENERAL CRITERIA FOR OCS DEFINITION SECONDARY LINES

Codificare / Codification System

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