CU 95mm² hard (19x2,45)

Guaranteed technical characteristics for Seil DIN 48201 - 95 - E-Cu

	Description	Unit	Seil DIN 48201 - 95 - E-Cu
1	*Producer*		**FPE S.A. Będzin**
2	*Manufactured according to:*		**DIN 48201/1**
3	*Diameter of conductor*	mm	**12,3**
4	*Cross Section of conductor*	mm^2	**89,57**
5	*Number of wires*	qty	**19**
6	*Nominal wire diameter*	mm	**2,45**
7	*Number of wire in layers :*	qty	**1+6+12**
8	*Properties of wires :*		
	- tensile strength, minimum before stranding	N/mm^2	**422**
	- tensile strength, minimum after stranding	N/mm^2	**392**
	- resistivity, maximum at 20°C max.	$\Omega mm^2/m$	**17,86**
9	*Equivalent elastic modulus (final) of the complete cable*	kN/mm^2	**105**
10	*Equivalent coefficient of thermal linear expansion of the complete cable*	$1°C \times 10^{-6}$	**17,0**
11	*Calculated Resistance at 20 °C, maximum*	Ω/km	**0,2029**
12	*Calculated Breaking Load, min*	KN	**35,91**
13	*Weight of the conductor*	kg	**811,5**

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