

Standard Copper Cable Connectors

Shahin Mafsal standard cable connectors are manufactured from 99.9% TPC (electrical grade) seamless Copper tube, according to DIN 46267 Teil 1 standard.

Thicker than standard Tin coating ensures a better environmental protection, and longer life for Shahin Mafsal standard copper connectors. this connectors may be used both for direct cable connections, and low and medium voltage cable joints for 10 up to 1000 mm² power cables.



Range / Dimensions of the Product

Section (mm ²)	d2 (Ø)	d1 (mm)	L (mm)	Qty per Inner Box	Qty per Master Box
10	4.5	6	30	400	3200
16	5.5	8.5	50	200	1600
25	7	10	50	125	1000
35	8.2	12.5	50	75	600
50	10	14.5	56	50	400
70	11.5	16.5	56	40	320
95	13.5	19	70	25	200
120	15.5	21	70	20	160
150	17	23.5	80	15	120
185	19	25.5	85	15	120
240	21.5	29	90	9	72
300	24.5	32	100	25	50
400	27.5	38.5	150	15	30
500	31	42	160	10	20
630	34.5	44	160	8	16
800	40	52	200	4	8
1000	44	58	200	4	8

❖ The values in the above table have permissible tolerances.

Selection Table:	MC/① / ②
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① Surface	② Section		
- Tin-plated	From 10 to 1000 mm²		
W Non			

Example:	MC/185	Tin-plated copper cable Connector, size 185
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Light Duty Copper Cable Connectors

In addition to standard (heavy duty) copper cable connectors, a light duty version is also available for low voltage, and earthing applications.

Light duty copper cable connectors are also manufactured from 99.9% TPC (electrical grade) seamless copper tubes, with a reasonably thick Tin coating, for 10 up to 300 mm² cables.



Range / Dimensions of the Product

Section (mm ²)	d2 (Ø)	d1 (mm)	L (mm)	Qty per Inner Box	Qty per Master Box
6	3.8	5.5	25	350	2800
10	4.5	6	30	300	2400
16	5.5	8.5	35	250	2000
25	7	10	40	175	1400
35	8.2	12.5	45	100	800
50	10	14.5	50	75	600
70	11.5	16.5	55	50	400
95	13.5	19	60	40	320
120	15.5	21	65	35	280
150	17	23.5	70	30	240
185	19	25.5	75	25	200
240	21.5	29	85	20	160
300	24.5	32	100	12	96

❖ The values in the above table have permissible tolerances.

Selection Table:	MC/1 /L2
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1 Surface	2 Section		
- Tin-plated	From 6 to 300 mm ²		
W Non			

Example:	MC/L185	Tin-plated Light Duty copper cable Connector, size 185
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