

Outside diameter of conventional cable cross-sections

The outside diameters are average values of different products.

Kabel-querschnitt	NYM	NYY	NYCY NYCWY	Kabel-querschnitt	NYM	NYY	NYCY NYCWY
mm ²	mm Ø	mm Ø	mm Ø	mm ²	mm Ø	mm Ø	mm Ø
1x4	8	9	—	4x1,5	11	13,5	14
1x6	8,5	10	—	4x2,5	12,5	14,5	15
1x10	9,5	10,5	—	4x4	14,5	17,5	17
1x16	11	12	—	4x6	16,5	18	18
1x25	—	14	—	4x10	18,5	20	20
1x35	—	15	—	4x16	23,5	23	23
1x50	—	16,5	—	4x25	28,5	28	28
1x70	—	18	—	4x35	32	26-30	29
1x95	—	20	—	4x50	—	30-35	34
1x120	—	21	—	4x70	—	34-40	37
1x150	—	23	—	4x95	—	38-45	42
1x185	—	25	—	4x120	—	42-50	47
1x240	—	28	—	4x150	—	46-53	52
1x300	—	30	—	4x185	—	53-60	60
2x1,5	10	12	—	4x240	—	59-71	70
2x2,5	11	13	—	4x25/16	—	—	30
2x4	—	15	—	4x35/16	—	—	30
2x6	—	16	—	4x50/25	—	—	34-37
2x10	—	18	—	4x70/35	—	—	40
2x16	—	20	—	4x95/50	—	—	44,5
2x25	—	—	—	4x120/70	—	—	48,5
2x35	—	—	—	4x150/70	—	—	53
3x1,5	10,5	12,5	13	4x185/95	—	—	—
3x2,5	11	13	14	4x240/120	—	—	—
3x4	13	16	16	5x1,5	12	15	15
3x6	15	17	17	5x2,5	13,5	16	17
3x10	18	19	18	5x4	15,5	16,5	18
3x16	20	21	21	5x6	18	19	20
3x25	—	26	—	5x10	20	21	—
3x35	—	—	—	5x16	26	24	—
3x50	—	—	—	5x25	31,5	—	—
3x70	—	—	—	7x1,5	13	16	—
3x95	—	—	—	7x2,5	14,5	16,5	—
3x120	—	—	—	19x1,5	—	22	—
3x150	—	—	—	24x1,5	—	25	—
3x185	—	—	—				
3x240	—	—	—				
3x25/16	—	27	27				
3x35/16	—	28	27				
3x50/25	—	32	32				
3x70/35	—	32-36	36				
3x95/50	—	37-41	40				
3x120/70	—	42	43				
3x150/70	—	46	47				
3x185/95	—	52	48-54				
3x240/120	—	57-63	60				
3x300/150	—	63-69	—				

Short forms of cables

- NYM Light plastic-sheathed cable
- NYY Plastic-sheathed cable
- NYCY Plastic-sheathed cable with concentric conductor
- NYCWY Plastic-sheathed cable with concentric, undulated conductor

Assignment of cable outside diameters to cable entry glands

cable entry metric	outside diameters of cables	
	min. mm Ø	max. mm Ø
ASM/AKM/ASS 12	3	6.5
ASM/AKM/ASS 16	5	10
ASM/AKM/ASS 20	6.5	13.5
ASM/AKM/ASS 25	10	17
ASM/AKM/ASS 32	14	21
ASM/AKM/ASS 40	20	28
ASM/AKM/ASS 50	25	35
ASM/AKM/ASS 63	35	48
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AXM 20	5.5	13
AXM 25	8	17
AXM 32	12	21
AXM 40	17	28
AXM 50	22	35
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ESM 16	4.8	11
ESM 20	6	13
ESM 25	9	17
ESM 32	9	23
ESM 40	17	30
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STM 16	3.5	12
STM 20	5	16
STM 25	5	21
STM 32	13	26.5
STM 40	13	34
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EDK 16	5	10
EDK 20	6	13
EDK 25	9	17
EDK 32	8	23
EDK 40	11	30
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	conduit	
EDR 16	M 16	
EDR 20	M 20	
EDR 25	M 25	
EDR 32	M 32	
EDR 40	M 40	
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	Combi climate glands	
KBM/KBS 20	6	13
KBM/KBS 25	9	17
KBM/KBS 32	13	21

Hensel cable entries comply with the following standards and regulations

- EN 50 262
Metric cable entries for electrical installations
- EN 60 423
Conduits for electrical purposes - Outside diameter of conduits for electrical installations and threads for conduits and fittings
- IEC 60 529
Degrees of protection provided by enclosures (IP-Code)