

Connector Technical Data

PG Gland Sizes for Multi-Wire Cables

Wire Size: AWG 20: 0.5 mm ²								
# of Wires	Cable Dia. (mm)	PG	PG	PG	PG	PG	PG	PG
2	5.7 - 8.7	9						
3	6.0 - 9.0	9	11					
4	6.7 - 9.7	9	11	13.5	16			
5	7.2 - 10.2	9	11	13.5	16			
6	7.6 - 10.6	9	11	13.5	16			
7	8.0 - 10.6	9	11	13.5	16			
8	9.4 - 12.8	9	11	13.5	16			
10	9.4 - 12.8	9	11	13.5	16			
12	9.7 - 12.9	9	11	13.5	16			
14	10.2 - 13.4		11	13.5	16			
16	10.7 - 13.9		11	13.5	16			
21	12.3 - 15.1			13.5	16	21		
24	13.5 - 16.7			13.5	16	21		
30	14.3 - 17.5				16	21		
35	16.0 - 18.6					21		
40	16.6 - 19.2					21		
52	19.2 - 21.6					21	29	
61	20.3 - 23.1					21	29	
80	22.9 - 25.7						29	36
100	26.4 - 29.6						29	36

Wire Size: AWG 16 to 18: 1 mm ²								
# of Wires	Cable Dia. (mm)	PG	PG	PG	PG	PG	PG	PG
2	7.1 - 10.1	9	11					
3	7.5 - 10.1	9	11					
4	8.4 - 10.7	9	11	13.5				
5	9.2 - 11.4	9	11	13.5	16			
6	9.2 - 12.6	9	11	13.5	16			
7	9.2 - 12.6	9	11	13.5	16			
8	11.0 - 14.4		11	13.5	16	21		
9	11.8 - 15.2		11	13.5	16	21		
10	11.0 - 14.4		11	13.5	16	21		
12	11.8 - 14.6		11	13.5	16	21		
14	12.4 - 15.2			13.5	16	21		
16	13.0 - 16.2			13.5	16	21		
18	13.7 - 16.9			13.5	16	21		
20	14.4 - 17.6				16	21		
24	16.5 - 19.1					21		
25	16.9 - 19.5					21		
34	19.4 - 21.8					21		
48	22.0 - 24.8					21		
56	23.2 - 26.0						21	36
61	24.5 - 27.2							36
80	27.7 - 30.9							36
100	31.8 - 35.2							36 42

Wire Size: AWG 12 to 14: 2.5mm ²								
# of Wires	Cable Dia. (mm)	PG	PG	PG	PG	PG	PG	PG
2	9.8 - 12.8	9	11	13.5	16			
3	10.6 - 13.4		11	13.5	16			
4	11.7 - 14.4		11	13.5	16			
5	13.0 - 16.4			13.5	16	21		
6	13.3 - 16.7			13.5	16	21		
7	13.3 - 16.7			13.5	16	21		
8	17.4 - 20.8					21	29	
11	18.0 - 20.6					21	29	
16	20.6 - 23.4					21	29	
18	21.7 - 24.5						29	36
25	26.4 - 29.6						29	36
34	31.3 - 33.1							36 42
50	37.0 - 39.4							42
61	39.0 - 41.5							42

Wire Size: AWG 18: 0.75 mm ²								
# of Wires	Cable Dia. (mm)	PG	PG	PG	PG	PG	PG	PG
2	6.8 - 9.8	9	11					
3	7.2 - 9.7	9	11	13.5				
4	7.9 - 10.3	9	11	13.5	16			
5	8.9 - 10.9	9	11	13.5	16			
6	8.9 - 12.3	9	11	13.5	16			
7	9.6 - 12.3	9	11	13.5	16			
8	10.4 - 13.8		11	13.5	16			
9	10.7 - 13.9		11	13.5	16			
10	10.4 - 13.8		11	13.5	16			
12	10.7 - 13.9		11	13.5	16			
15	12.3 - 13.5			13.5	16			
18	13.0 - 16.2			13.5	16			
21	13.6 - 16.8			13.5	16	21		
25	15.9 - 18.5				16	21		
32	17.1 - 19.7					21	29	
40	19.0 - 21.4					21	29	
50	21.3 - 24.1					21	29	
61	22.6 - 25.4					21	29	36
80	26.1 - 29.3					21	29	36
100	29.4 - 33.0							36

Wire Size: AWG 16: 1.5mm ²								
# of Wires	Cable Dia. (mm)	PG	PG	PG	PG	PG	PG	PG
2	8.0 - 11.0	9	11	13.5	16			
3	8.7 - 11.0	9	11	13.5	16			
4	9.7 - 11.8	9	11	13.5	16			
5	10.8 - 13.0		11	13.5	16			
6	10.8 - 14.2		11	13.5	16			
7	10.8 - 14.2		11	13.5	16			
8	13.2 - 16.6			13.5	16	21		
11	13.6 - 16.8			13.5	16	21		
12	17.6 - 16.8			13.5	16	21		
14	14.4 - 17.6				16	21		
16	15.8 - 18.4				16	21		
18	16.6 - 19.2					21	29	
20	17.4 - 20.0					21	29	
25	20.2 - 23.0					21	29	
32	23.8 - 24.5						29	36
34	22.6 - 25.4						29	36
42	25.8 - 29.0						29	36
50	27.0 - 30.2						29	36
56	27.8 - 31.0						29	36
61	28.6 - 31.8							36
80	33.0 - 36.4							36 42
90	34.6 - 37.6							36 42
100	37.8 - 41.4							42

Wire Size: AWG 10 to 12: 4 mm ²								
# of Wires	Cable Dia. (mm)	PG	PG	PG	PG	PG	PG	PG
2	10.7 - 14.1	9	11	13.5	21			
4	13.0 - 16.4			13.5	21			
5	14.3 - 17.7				21			
7	16.2 - 19.6				21	29	36	
11	Ca.- 24.5						29	36

These tables are based on a representative construction type of multiconductor cable. Other products may vary.