



TECHNICAL DATA

Rubber connection cable acc. to DIN VDE 0285-525-2-21 / DIN EN 50525-2-21

Temperature range flexible -25°C to +60°C
fixed -30°C to +60°C

Permissible operating temperature of the conductor +60°C

Nominal voltage AC U₀/U 300/500 V

Max. permissible operating voltage
alternating current (AC) conductor/earth 318 V
three-phase alternating current (AC) conductor/conductor 550 V
direct current (DC) conductor/earth 413 V
direct current (DC) conductor/conductor 825 V

Test voltage core/core 2000 V

Minimum bending radius 7.5x Outer-Ø

- Core identification acc. to DIN VDE 0293-308, colour coded
- Protective conductor: starting with 3 cores,
G = with protective conductor GN-YE,
x = without protective conductor
- Cores stranded with optimal lay lengths
- Outer sheath: rubber acc. to DIN VDE 0207-363-2-1 / DIN EN 50363-2-1 (compound type EM3)
- Sheath colour: black

TESTS

- flame-retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2
- certifications and approvals:
HAR
EAC

APPLICATION

For use in dry, damp or wet rooms for connecting devices subject to low levels of mechanical stress in households, kitchens or offices (e.g. vacuum cleaners, kitchen appliances, portable household appliances, garden tools). For temporary and limited use outdoors.

CABLE STRUCTURE

- Copper wire bare, finely stranded acc. to DIN VDE 0295 Class 5 / IEC 60228 Class 5
- Core insulation: rubber acc. to DIN VDE 0207-363-1 / DIN EN 50363-1 (compound type EI4)

NOTES

- the conductor is metrically (mm²) constructed, AWG numbers are approximated, and are for reference only

Part no.	No. cores x cross-sec. mm ²	AWG, approx.	Outer-Ø min - max mm	Cu-weight kg/km	Weight kg/km, approx.
35001	2 x 0.75	19	5.7 - 7.4	14.4	60.0
35005	3 G 0.75	19	6.2 - 8.1	21.6	74.0
35009	4 G 0.75	19	6.8 - 8.8	29.0	78.0
35019	5 G 0.75	19	7.6 - 9.9	36.0	99.0
35002	2 x 1	18	6.1 - 8.0	19.0	72.0
35006	3 G 1	18	6.5 - 8.5	29.0	85.0
35010	4 G 1	18	7.1 - 9.3	38.0	98.0
35020	5 G 1	18	8.0 - 10.3	48.0	134.0
35003	2 x 1.5	16	7.6 - 9.8	29.0	98.0
35007	3 G 1.5	16	8.0 - 10.4	43.0	120.0

Part no.	No. cores x cross-sec. mm ²	AWG, approx.	Outer-Ø min - max mm	Cu-weight kg/km	Weight kg/km, approx.
35011	4 G 1.5	16	9.0 - 11.6	58.0	150.0
35013	5 G 1.5	16	9.8 - 12.7	72.0	180.0
35004	2 x 2.5	14	9.0 - 11.6	48.0	145.0
35008	3 G 2.5	14	9.6 - 12.4	72.0	170.0
35012	4 G 2.5	14	10.7 - 13.8	96.0	220.0
35014	5 G 2.5	14	11.9 - 15.3	120.0	270.0
35015	3 G 4	12	11.3 - 14.5	115.0	260.0
35017	4 G 4	12	12.7 - 16.2	154.0	340.0
35016	3 G 6	10	12.8 - 16.3	173.0	361.0
35018	4 G 6	10	14.2 - 18.1	230.0	462.0