

Superflexible Stranded Conductor



TECHNICAL DATA

technical specifications of RDS conductors according to DIN 46438

■ CONDUCTOR STRUCTURE

- single wire diameter: 0,05 to 0,10 mm
- annealed copper wire, soft:
 - bare (Cu)
 - tinned (CuSn)
- conductor is stranded for high flexibility and bending strength

■ PROPERTIES

- unique flexibility
- unique durability
- uniform elongation of individual wires

■ APPLICATION

- electrotechnical industry
- brushes for electric motors
- residual-current devices
- movable connections of electrical devices working in direct and alternating current circuits

Part no.	Type	Cross-section mm ²	Single wire diameter mm	Wire diameter mm	Weight kg/km
18053213	RDS	0,25	0,05	0,7	2,4
18053214	RDS	0,5	0,05	1,0	4,8
18049932	RDS	0,75	0,05	1,3	7,2
18049933	RDS	1	0,05	1,4	9,6
18049936	RDS	1,5	0,07	1,7	14,4
18049937	RDS	2	0,07	2,0	19,2
18049938	RDS	2,5	0,07	2,2	24,0
18049941	RDS	4	0,07	2,9	38,4
18049943	RDS	6	0,07	3,5	57,6
18049944	RDS	8	0,07	4,2	76,8
18049945	RDS	10	0,07	4,8	96,0
18049946	RDS	16	0,07	6,5	153,6
18049947	RDS	25	0,10	7,5	240,0
18049948	RDS	35	0,10	9,0	336,0
18049949	RDS	50	0,10	11,0	480,0