

Construction

- Annealed tinned copper conductor class 5 acc. BS EN 60228
- Suitable tape separator under insulation
- EPR thermosetting compound type FR2
- Based on CPE thermosetting compound type FR2
- Color: Black

Features

- Temperature range : For flexible -25 up to 90°C ,
for installation -40 up to 90° C
- Minimum bending radius: 6 x D ; D – overall diameter of cable
- Voltage category : 1.9/3.3 kV
- Voltage Test : 15 kV , Table H.2 of BS 6195:2006



Number & cross-sectional area of conductor	Approx. conductor diameter	Nominal thickness of internal layer	Nominal thickness of outer layer	Approx. overall diameter	Approx. weight	Max. resistance of conductor at 20°C	Current - Carrying Capacity at 30°C in air*
mm ²	mm	mm	mm	mm	kg/km		A
1x2,5	2.0	2.0	0.8	7.6	79	8.21	41
1x4	2.5	2.0	.08	8.2	98	5.09	55
1x6	3.0	2.0	0.8	8.7	121	3.39	70
1x10	4.0	2.0	0.8	9.7	167	1.95	98
1x16	5.1	2.0	0.8	10.8	231	1.24	132
1x25	6.3	2.	0.8	12.0	316	0.795	176
1x35	7.3	2.0	0.8	13.0	412	0.565	218
1x50	9.0	2.0	0.8	14.7	560	0.393	276
1x70	10.8	2.0	0.8	16.5	754	0.277	347
1x95	12.9	2.2	0.8	19.0	983	0.210	416
1x120	14.0	2.2	0.8	20.1	1215	0.164	488
1x150	15.8	2.2	0.8	21.9	1484	0.132	566
1x185	18.1	2.2	0.8	24.2	1781	0.108	644
1x240	16.6	2.2	0.8	25.7	2276	0.0817	775
1x300	23.2	2.2	.8	29.3	2818	0.0654	898
1x400	25.1	2.2	0.8	33.0	3741	0.0495	1060

*Tab. 15 DIN VDE 0298-4.

Number & cross-sectional area of conductor	Nominal thickness of internal layer	Nominal thickness of outer layer	Approx. overall diameter	Approx. weight
mm ²	mm	mm		A
1x500	2.4	0.8	36.3	4581
1x630	2.5	1.0	41.2	6086