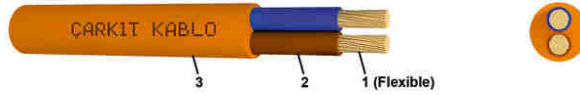







Cable Type : COLD RESISTANT FLEXIBLE CABLE



CERTIFICATE/APPROVAL



CABLE DESCRIPTION

CONSTRUCTION	
STANDARD	: BS 6004
(1) CONDUCTOR	: Class 5 flexible copper conductor according to EN 60228
(2) INSULATION	: PVC (Polyvinyl Chloride) Type Tl 4
(3) SHEATH	: PVC (Polyvinyl Chloride) Type 10
CHARACTERISTICS	
OPERATING TEMPERATURE	: -40°C / +60 °C
MAX. SHORT CIRCUIT TEMPERATURE	: 160 °C (max. 5 sec.)
NOMINAL VOLTAGE (U ₀ /U)	: 300 / 500 V
TEST VOLTAGE	: 2000 V
MINIMUM BENDING RADIUS	: 6 x Ø
INSULATION COLOR	
2 cond.: Blue – Brown	
3 cond.: Green/Yellow – Blue – Brown	
4 cond.: Green/Yellow – Brown – Black – Grey	
5 cond.: Green/Yellow – Blue – Brown – Black – Grey	
FLAME RETARDANT	
IEC 60332-1-2	
	
APPLICATIONS	
Arctic grade cable remains flexible down to -40°C, suitable for outdoor and sub zero applications.	



CABLE DIAMETERS

NUMBER AND NOMINAL CROSS-SECTIONAL AREA OF CONDUCTORS	COPPER DIMENSION	THICKNESS OF INSULATION SPECIFIED VALUE	THICKNESS OF SHEATH SPECIFIED VALUE	MEAN OVERALL DIMENSIONS		MAX. RESISTANCE at 20°C
				LOWER LIMIT Ø	UPPER LIMIT Ø	
mm ²	mm	mm	mm	mm	mm	Ω/km
2 x 0,75	22 / 0,20	0,60	0,80	5,70	7,20	26,00
2 x 1	29 / 0,20	0,60	0,80	5,90	7,50	19,50
2 x 1,5	27 / 0,25	0,70	0,80	6,80	8,60	13,30
2 x 2,5	45 / 0,25	0,80	1,00	8,40	10,60	7,98
2 x 4	50 / 0,30	0,80	1,10	9,70	12,10	4,95
3 x 0,75	22 / 0,20	0,60	0,80	6,00	7,60	26,00
3 x 1	29 / 0,20	0,60	0,80	6,30	8,00	19,50
3 x 1,5	27 / 0,25	0,70	0,90	7,40	9,40	13,30
3 x 2,5	45 / 0,25	0,80	1,10	9,20	11,40	7,98
3 x 4	50 / 0,30	0,80	1,20	10,60	13,10	4,95
4 x 0,75	22 / 0,20	0,60	0,80	6,60	8,30	26,00
4 x 1	29 / 0,20	0,60	0,90	7,10	9,00	19,50
4 x 1,5	27 / 0,25	0,70	1,00	8,40	10,50	13,30
4 x 2,5	45 / 0,25	0,80	1,10	10,10	12,50	7,98
4 x 4	50 / 0,30	0,80	1,20	11,60	14,30	4,95
5 x 0,75	22 / 0,20	0,60	0,90	7,40	9,30	26,00
5 x 1	29 / 0,20	0,60	0,90	7,80	9,80	19,50
5 x 1,5	27 / 0,25	0,70	1,10	9,30	11,60	13,30
5 x 2,5	45 / 0,25	0,80	1,20	11,20	13,90	7,98
5 x 4	50 / 0,30	0,80	1,40	13,00	16,10	4,95

Due to variables in production, the information on this data sheet is approximate and subject to change without any notice.

