

7-2-*A UNSCREENED MULTICORE - LOW SMOKE

Flexible tinned annealed copper conductors, XLPE or LSZH insulated/Polyester taped/LSZH Sheathed generally to Def.Stan.61-12 Part 4 (where applicable). 440 volts grade R.M.S (at 1600 c/s).

(* Denotes number of cores)

NUMBER OF CORES	CABLE REF	DIAMETER OVER LAID UP CORES MM	NOMINAL OVERALL DIAMETER MM	WEIGHT KG/KM
2	7-2-2A LSZH	2.4	3.4	14
3	7-2-3A LSZH	2.6	3.6	17
4	7-2-4A LSZH	2.9	3.9	21
6	7-2-6A LSZH	3.6	4.6	29
8	7-2-8A LSZH		5.4	48
12	7-2-12A LSZH	5.0	6.1	54
18	7-2-18A LSZH	6.0	7.4	81
25	7-2-25A LSZH	7.2	8.7	110
36	7-2-36A LSZH	8.4	9.8	148
50	7-2-50A LSZH	10.0	11.6	204
60	7-2-60A LSZH	10.8	12.4	240

Sheath Colour: Black

Operating Temperatures: Maximum 90°C, Minimum flexing -15°C

Conductor Identification:

Single and Bi-coloured Cores 2 to 36 core in acc.Def Stan 61-12.

Minimum bending radius: 6 x overall diameter.

Combustion characteristics: HCL emission maximum 0.5% in accordance with BS6425: Pt1. Completed cables comply with the requirements of fire test BSEN50266-1:2001 (previously BS4066 :pt3)

CONDUCTOR DIMENSIONS

SIZE SQ.MM	STRANDING MM	DIAMETER OVER CONDUCTOR MM	RT OF INSULATION MM	NOMINAL OVERALL DIAMETER OF CORE MM	CURRENT RATING AMPS	MAXIMUM CONDUCTOR RESISTANCE AT 20°C OHMS DC/KM
0.22	7/2	0.6	0.3	1.20	1.0	92

The current ratings given apply only to single conductors in free air at normal ambient temperature. Ratings for multicore cables vary with the number of loaded conductors, the disposition of the cables and the ambient temperature.