Product Specification

INSTRUMENTATION CABLES
(MULTI-PAIR NON-ARMOURED)

CONSTRUCTION

CONDUCTOR : Stranded circular plain annealed copper wire, Class 2
INSULATION : PVC or PE or XLPE
COLOUR OF CORES : 1 pair - Black & White
2 pair & above - Black/White with numbering
DRAIN WIRE : Stranded cirular tinned copper wire
COLLECTIVE SCREEN : Aluminium/polyester tape
SHEATH : PVC compound Type TM 1, Black colour

Cu / PVC / OSCR / PVC or
Cu / PE / OSCR / PVC or
Cu / XLPE / OSCR / PVC - Multi-core

Number of pairs	Nominal cross-sectional area	Construction, number / wire diameter	Thickness of insulation	Thickness of sheath	Approx. overall diameter	Approx. net weight
	sq.mm	No./mm	mm	mm	mm	kg/km
		BS EN 50288-7 / BS 5308 300 / 500 V				
1	1.0	7/0.43	0.6	0.8	7.2	70
2	1.0	7/0.43	0.6	0.9	10.7	127
3	1.0	7/0.43	0.6	0.9	11.4	158
4	1.0	7/0.43	0.6	1.0	12.7	203
5	1.0	7/0.43	0.6	1.0	13.8	231
6	1.0	7/0.43	0.6	1.0	15.1	277
7	1.0	7/0.43	0.6	1.0	15.1	293
8	1.0	7/0.43	0.6	1.1	17.2	356
10	1.0	7/0.43	0.6	1.1	19.5	427
1	1.5	7/0.53	0.6	0.9	8.0	87
2	1.5	7/0.53	0.6	1.0	11.9	159
3	1.5	7/0.53	0.6	1.0	12.7	200
4	1.5	7/0.53	0.6	1.0	13.9	250
5	1.5	7/0.53	0.6	1.0	15.2	289
6	1.5	7/0.53	0.6	1.1	16.8	354
7	1.5	7/0.53	0.6	1.1	16.8	381
8	1.5	7/0.53	0.6	1.1	19.0	447
10	1.5	7/0.53	0.6	1.2	21.8	551
1	2.5	7/0.67	0.6	0.9	8.9	109
2	2.5	7/0.67	0.6	1.0	13.4	203
3	2.5	7/0.67	0.6	1.0	14.2	263
4	2.5	7/0.67	0.6	1.0	15.6	332
5	2.5	7/0.67	0.6	1.1	17.4	399
6	2.5	7/0.67	0.6	1.1	19.0	475
7	2.5	7/0.67	0.6	1.1	19.0	520
8	2.5	7/0.67	0.6	1.2	21.6	619
10	2.5	7/0.67	0.6	1.3	24.8	764