

## Multipair Instrumentation Cables - BS5308

### BS 5308 Part 2/Type 1 (PVC insulated) - UNARMoured

#### SPECIFICATION

Plain annealed copper conductors, PVC insulated, collective Aluminium-Mylar screened, including drain wire, PVC sheathed.

**Pairs** : Two insulated conductors uniformly twisted together forming a pair. Lay length should not exceed 100mm and layed in a manner that the two wires forming the pair cannot be dissociated by normal handling. Two pair cables layed up in a quad formation.

**Screens** : Collectively screened by a laminated, bonded aluminium/polyester tape. The metallic side of the screens are in contact with one or more tinned annealed copper drain wire, running throughout the cable length. The cross sectional area of the drain wires is not less than 0.5mm sq.

**Colour Of Sheath** : Blue and Black.

**Operating Temperature** : 0 C - 70 C.

**Minimum Bending Radius** : 6 x Overall Diameter.  
300/500 Volt grade.

Pair	Overall Diameter mm	Weight kg/km	Gland Size
<b>0.5mm sq. (16/0.20)</b>			
1	7.0	50	20ss
2	7.9	130	20ss
5	13.0	220	32
10	17.2	370	32
20	22.0	660	40
30	26.9	960	50
50	33.9	1590	50s
<b>0.75mm sq. (24/0.20)</b>			
1	7.3	60	20ss
2	8.4	155	20
5	14.3	265	25
10	18.7	455	32
20	24.5	790	40
30	29.5	1150	50s
50	37.4	1900	63s
<b>1.5mm sq. (7/0.50)</b>			
1	8.0	75	20ss
2	9.4	205	20s
5	15.8	305	25
10	22.0	560	32
20	29.6	870	40
30	34.3	1300	50s
50	43.7	2120	63s

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